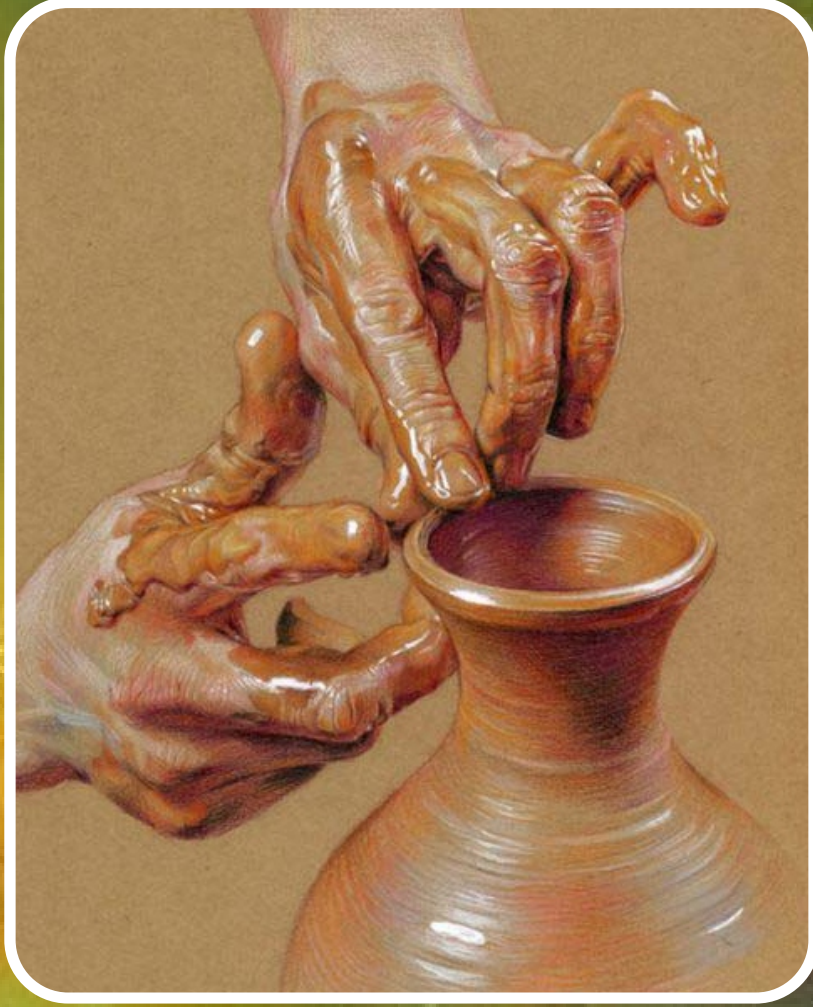




अतुल विद्या मंदिर, वर्धा द्वारा संचालित

# राजर्षी शाहू सायन्स कॉलेज

चांदूर रेल्वे, जि. अमरावती



# संकल्प

वार्षिकांक

२०२३-२०२४



## COLOUR HOLDERS



**Sanju Choudhary**  
B.Sc. II (Hockey)



**Mahima More**  
B.Sc. II (Hockey)



**Mohd Uzaif**  
B.Sc. I (Hockey)



**Abdul Umair**  
B.Sc. I (Hockey)



**Sk. Noman**  
B.Sc. I (Hockey)



**Mohd Shoeb**  
B.Sc. I (Hockey)



**Zeeshan Baig**  
B.Sc. I (Hockey)



**Adnan Husain**  
B.Sc. I (Hockey)

## STUDENT ACHIEVEMENTS



Sant Gadge Baba Amravati University  
Tournament **Runner Up Hockey Team**  
Men 2023-2024



Got **Third Rank**  
as an  
UTKRUSHTA  
JILHASTARIY  
MAHAVIDYALAYA



Ku Komal Kale (B.Sc. II, CBZ) and  
Ku. Nikita Jadhaw (B. Sc. II, CBZ)  
got first prize in district level  
competition presented in Maharashtra  
District Innovation challenge 2023



**Ku. Radha Lomate**  
( B.Sc. III, CMP)  
First prize in voter awareness  
Rangoli competition organised  
by Tehsil Chandur Railway



**Ku. Shreya Rajanekar**  
B. Sc III (CBZ)  
got second prize in  
Intercollegiate  
Quiz Competition on the  
eve of International Youth Day



**Ku. Diksha Gondane**  
B. Sc I (CMP)  
got consolation prize in  
Intercollegiate  
Quiz Competition on the  
eve of International Youth Day



**Pranay Duryodhan**  
B.Sc. III (PCM)  
got third prize  
intercollegiate  
seminar competition on  
occasion of pi day



Alumni Student Mr. Arpit Ingle from batch 20-21  
qualified CSIR NET examination in the year 2024



## आमचे प्रेरणारथान

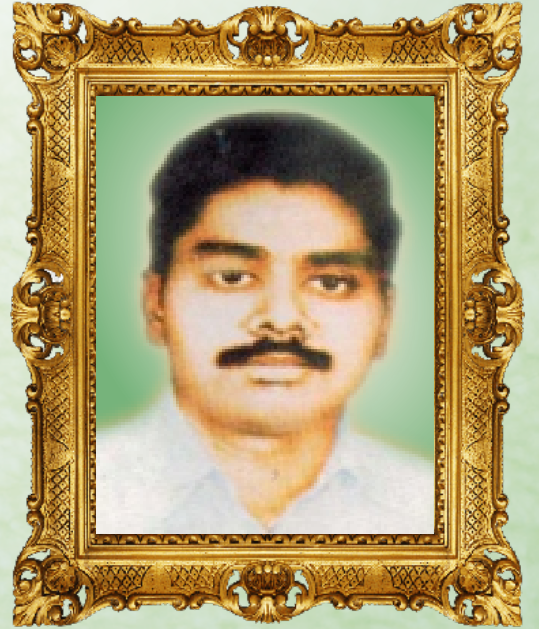


## आदरांजली



स्व. प्रा. अण्णासाहेब जगताप

संस्थापक अध्यक्ष,  
अतुल विद्या मंदिर, वर्धा



स्व. अतुल वा. जगताप

एम.कॉम. एम.बी.ए.





अतुल विद्या मंदिर, वर्धा द्वारा संचालित

## राजर्षी शाहू सायन्स कॉलेज

चांदूर रेल्वे, जि. अमरावती.

आधारस्तंभ व व्यवस्थापन समिती प्रमुख



मा. प्रा. सौ. उत्तराताई वी. जगताप  
अध्यक्षा



मा. डॉ. वैष्णवी पी. जगताप  
उपाध्यक्षा



मा. डॉ. मिलींद वा. जगताप  
उपाध्यक्ष



मा. प्रा. वीरेंद्र वा. जगताप  
सचिव



मा. श्री. परिक्षीत वी. जगताप  
कोषाध्यक्ष



मा. डॉ. पराग आर. वडनेरकर  
प्राचार्य



डॉ.पंजाबराव उपाख्य भाऊसाहेब देशमुख यांच्या  
१२५ व्या जयंती निमित्त विनम्र अभिवादन...



## शुभ संदेश..!

राजर्षी शाहु सायन्स कॉलेजच्या वतीने डॉ.पंजाबराव उपाख्य भाऊसाहेब देशमुख यांच्या १२५ व्या जयंतीच्या निमित्त्याने 'संकल्प' वार्षिकांक प्रकाशित होत असल्याबद्दल मनस्वी विशेष आनंद होत आहे.

भारत हा कृषीप्रधान देश आहे. निम्यापेक्षा जास्त जनता ही ग्रामीण भागात राहते. खेड्यात राहणारा शेतकरी वर्ग तथा कष्टकरी वर्ग यांच्या उन्नतीसाठी कार्य करणारे थोर व्यक्तिमत्त्व म्हणजे डॉ. पंजाबराव देशमुख होय. देशात त्यांनी शिक्षण व कृषी या दोन क्षेत्रात क्रांती घडवून आणली. भारताचे पहिले कृषी मंत्री तथा शिक्षण महर्षी म्हणून त्यांचा गौरव केला जातो.

“विद्यामोले ऐसे चढता । येईल भाग्य गावाचे हाता

तुकड्यादास म्हणे तत्वता । विसरु नका हा मूळ मंत्र।”

तुकडोजी महाराज यांच्या ओवीची सार्थकता भाऊसाहेबांच्या कार्यकतृत्वावर दिसून येते. विदर्भात शिक्षणाचा प्रसार व्हावा म्हणून त्यांनी शिवाजी शिक्षण संस्था काढली. शाळा, महाविद्यालय, कृषी महाविद्यालय, अभियांत्रिकी, वैद्यकीय अशी अनेक शिक्षणाची दालन त्यांनी गोर-गरीब, शेतकरी, कष्टकरी लोकांच्या मुलांसाठी शिक्षणाची पायाभरणी केली.

कृषक क्रांतीचे जनक म्हणून त्यांचा गौरव करण्यात येतो कारण त्यांनी कृषी क्षेत्रात मोठी क्रांती घडवून आणली. शेतकरी वर्गाला शेतीशी निगडीत कार्याला मोठा हातभार लावला. शेतकरी व कष्टकरी यांच्या कार्यासाठी लढा दिला.

तुझ्या श्रमास प्रतिष्ठा मिळो, संकलाचे लक्ष तुजकडे वळो

मानवतेचे तेज झळझळो । विश्वामागी या योगे

शिक्षणा बरोबरच कृषी जगतात क्रांतीकारक बदल घडवून आणले. शेतकऱ्यांच्या कृषी जीवनात क्रांती घडविली महाविद्यालयीन सर्व विद्यार्थ्यांमध्ये, शैक्षणिक, कृषी विषयक, राजकीय विचार रुजावे. तसेच डॉ. पंजाबराव देशमुख यांच्या जीवन कर्तृत्वावर विद्यार्थ्यांनी वेगवेगळे साहित्य लिखून केले पाहिजे त्यांच्या विचाराने प्रेरित होऊन त्यांच्या सर्वांगीण विकास झाला पाहिजे. सर्वसामान्यांच्या विकासासाठी ज्यांनी आपलं संपूर्ण आयुष्य झिजविले त्यांच्या जीवावर विद्यार्थी लिखून कार्य करतो ही बाब कौतुकास्पद आहे.

संकल्प हा वार्षिकांकाच्या माध्यमातून विद्यार्थी महान व्यक्तिमत्त्वाच्या कार्यावर लिखित करतो आहे. यामुळे मनाचा आनंद होतो आहे. म्हणून या वार्षिकांकाला शुभ संदेश व्यक्त करत आहे.

धन्यवाद !

*Wagtap*

प्रा. सौ. उत्तराताई वी. जगताप

अध्यक्ष

अतुल विद्या मंदिर (वर्धा)



## प्राचार्यांचे मनोगत



विद्यार्थीदशा ही पुढील जीवनाचा 'पाया' आहे, असे म्हणतांना संस्कार, संस्कृती, ज्ञान, कला इत्यादी मुल्यांवरच ही इमारत भक्कमपणे उभी राहते. तारुण्य म्हणजे जीवनाचा वसंतऋतु ! या वसंतात फुलणारे अंकुर गुदमरू नये म्हणून 'संकल्प' सारख्या व्यासपीठाची युवकांना गरज असते.

सृजनशील कलाकृतीतून साकार झालेल्या आपल्या महाविद्यालयाच्या 'संकल्प' वार्षिकांकासाठी हे मनोगत लिहितांना मला विशेष आनंद होत आहे. महाविद्यालये ही जशी शिक्षणाची केन्द्रे असतात, तशीच ती युवकांच्या व्यक्तिमत्त्व निर्मितीच्या आणि साहित्य, संस्कृतीच्या 'प्रयोगशाळाही' असतात. उत्साही विद्यार्थी आणि क्रियाशील प्राध्यापकांच्या स्नेहभावाने महाविद्यालयात दरवर्षी निरनिराळे उपक्रम सुरुच असतात. चाकोरीबद्ध यंत्र जीवनात आनंदाची हिरवळ फुलवतात. आणि या ध्यासामुळेच विद्यार्थ्यांच्या बौद्धिक, कलात्मक जाणीवा समृद्ध होतात. या करिता विविध विषयांची अभ्यास मंडळे, राष्ट्रीय सेवा योजना विभाग, सांस्कृतिक विभाग, शैक्षणिक व औद्योगिक सहली, स्पर्धा परीक्षा, मार्गदर्शन आयोजन, क्रीडा व ग्रंथालय विभाग, संगणक विभाग, पालक सभा व माजी विद्यार्थी मेळावे तसेच गुणवंत विद्यार्थी परितोषिक योजना, शिक्षक विद्यार्थी दत्तक योजना तसेच पर्यावरणपूरक इत्यादी उपक्रम राबविले जातात. आमच्या महाविद्यालयातील विद्यार्थी केवळ पुस्तकी ज्ञान न घेता त्याचा वैज्ञानिक दृष्टीकोन सबळ व्हावा व समाजाभिमुख व्हावा त्याची ज्ञानाची आकलन कक्षा वाढावी म्हणून विविध विषयांची चर्चासत्रे, परिसंवाद, निवासी श्रमसंस्कार शिबीर, उद्बोधन वर्गाचे नियमित आयोजन केल्या जाते. या सर्वांचा परिपाक म्हणजे सत्र २०२३-२४ ला **NAAC** फेरमूल्यांकन (2<sup>nd</sup> cycle) होऊन महाविद्यालयाला 'A' (CGPA-3.01) दर्जा प्रदान करण्यात आला.

या वार्षिकांकात ज्ञानदृष्टीचा तरल भाव, स्वप्नांचा आणि सृजनशिलतेचा, सामर्थ्याचा अविष्कार प्रतिबिंबित झाल्याचे आपल्याला आढळले. समाज जीवनाच्या कितीतरी पैलूंना स्पर्श करण्याचे, प्रतिसाद देण्याचे प्रयत्न या वार्षिकांकातून झालेले आहे.

या वार्षिकांकांच्या निर्मितीत सहभागी झालेल्या सर्व विद्यार्थ्यांचे, प्राध्यापकांचे, संपादक मंडळांचे मनःपूर्वक अभिनंदन करतो व हा वार्षिकांक आपणास वाचनीय आणि बोधप्रद ठरेल, अशी आशा बाळगतो.

धन्यवाद !

डॉ. पराग आर. वडनेरकर  
प्राचार्य





राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद  
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान  
**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**  
*An Autonomous Institution of the University Grants Commission*

## *Certificate of Accreditation*

*The Executive Committee of the  
National Assessment and Accreditation Council  
is pleased to declare  
Rajarshee Shahu Science College, Chandur Railway  
Chandur Railway, Dist. Amravati,  
affiliated to Sant Gadge Baba Amravati University, Maharashtra as  
Accredited  
with CGPA of 3.01 on four point scale  
at A grade  
valid up to October 26, 2028*

*Date : October 27, 2023*



*Director*



## NAAC PEER TEAM VISIT





## SENIOR COLLEGE FACULTY



**Dr. P. R. Wadnerkar**  
M.E., Ph.D  
Principal

## DEPARTMENT OF CHEMISTRY



**Dr. A. D. Bansod**  
M.Sc., Ph.D., B.Ed  
Head & Associate Prof.



**Dr. S.S. Padhen**  
M.Sc., NET Ph.D.  
Assistant Professor



**Dr. A. P. Thakre**  
M.Sc., NET Ph.D.  
Assistant Professor

## DEPARTMENT OF BOTANY



**Dr. M. J. Keche**  
M.Sc., Ph.D., B.Ed.  
Head & Associate Prof.



**Dr. S. P. Patharkar**  
M.Sc., Ph.D.,  
Assistant Professor



**Mr. P. R. Sardar**  
M.Sc., NET SET  
Assistant Professor

## DEPARTMENT OF PHYSICS



**Dr. A. P. Pachkawade**  
M.Sc., Ph.D.  
Head & Assistant Prof.



**Mr. S. A. Wani**  
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Assistant Professor



**Dr. R. N. Bhagat**  
M.Sc., Ph.D., B.Ed.  
Assistant Professor

## SENIOR COLLEGE FACULTY

### DEPARTMENT OF ZOOLOGY



**Dr. M. P. Chikhale**  
M.Sc., Ph.D., B.Ed.  
Head & Associate Prof.



**Dr. G. B. Santape**  
M.Sc., Ph.D.  
Assistant Professor



**Mr. A. N. Khan**  
M.P.ED., NET, N.I.S.  
Director of Physical Education



**Mr. M.P. Waghmare**  
M.Lib., M.Phil., NET, SET  
Librarian

### DEPARTMENT OF MATHEMATICS



**Dr. R.V. Kene**  
M.Sc., M.Phil., Ph.D., B.Ed.  
Head & Assistant Prof.



**Ms. M. S. Palaspagar**  
M.Sc., NET SET  
Assistant Professor

## JUNIOR COLLEGE FACULTY



**Ms. S. M. Deshmukh**  
M.Sc. (Bot.), B.Ed.



**Mr. S. S. Thakur**  
M.Sc. (Chem.), M.Phil., B.Ed.



**Mr. P. R. Deshmukh**  
M.Sc. (Math.), B.Ed.



**Mr. M. R. Hande**  
M.Sc. (Phy.), B.Ed.



**Mr. K. K. Solanke**  
M.A. (English), B.Ed.

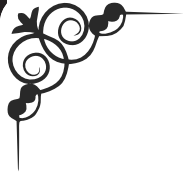


**Mr. A. M. Patil**  
M.A. (Eco.) B.Ed., M.Phil., NET



**Mr. P. W. Chavhan**  
M.A. (Marathi) B.Ed.





## अतुल विद्या मंदिर (वर्धा)

रजि. नं. महा. ८७/९१ व एफ - १३३५ वर्धा

### कार्यकारी समिती

१	प्रा. सौ. उत्तराताई वी. जगताप	अध्यक्ष
२	डॉ. मिलींद वा. जगताप	उपाध्यक्ष
३	डॉ. वैष्णवी प. जगताप	उपाध्यक्ष
४	प्रा. वीरेंद्र वा. जगताप	सचिव
५	प्रा. डॉ. राजीव एम. जाधव	सहसचिव
६	श्री. परिक्षीत वि. जगताप	कोषाध्यक्ष
७	श्री. सुधिर व. जगताप	सदस्य
८	डॉ. सौ. वर्षा एम. जगताप	सदस्य
९	श्री. गोपाल एम. चौधरी	सदस्य
१०	श्री. मिहीर एम. जगताप	सदस्य
११	श्री. दिनेश एन. धारफळकर	सदस्य



## College Development Committee

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<b>Dr. S. S. Padhen</b>	Assistant Professor, Dept. of Chemistry	<b>Member, Teacher Representative</b>
<b>Dr. R. V. Kene</b>	Assistant Prof. & Head, Dept. of Mathematics	<b>Member, Teacher Representative (Woman)</b>
<b>Mr. R. M. Khope</b>	Junior Clerk	<b>Member, Non Teaching Representative</b>
<b>Prof. P. H. Wagh</b>	Retd.Associate Professor	<b>Member Nominee, Education</b>
<b>Dr. D. M. Chavan</b>	Professor, Arts, Commerce and Science College, Arvi, Dist.-Wardha	<b>Member Nominee, Research</b>
<b>Mr. P. V. Jagtap</b>	Maharashtra State General Secretary of Indian Youth Congress,	<b>Member Nominee, Social</b>
<b>Mr. K. P. Chhittarkar</b>	Alumni Representative	<b>Member Nominee, Alumni</b>
<b>Mr. N. J. Rathi</b>	Businessman, Chandur Rly	<b>Member Nominee, Industry</b>
<b>Mr. S. A. Wani</b>	Assistant Prof. & Head, Dept. of Physics	<b>Member Nominee, IQAC</b>
<b>President,</b>	Student Council	<b>Ex-officio Member</b>
<b>Secretary,</b>	Student Council	<b>Ex-officio Member</b>
<b>Dr. P. R. Wadnerkar</b>	Principal	<b>Member-Secretary</b>



# संकल्प

वार्षिकांक २०२३-२४

प्रकाशक

प्राचार्य

डॉ. पी. आर. वडनेरकर

राजर्षी शाहू सायन्स कॉलेज, चांदूर रेल्वे

मुख्य संपादक

डॉ. मिनल केचे

सहयोगी प्राध्यापक, वनस्पतीशास्त्र विभाग

सहसंपादक

प्रा. प्रवीण चव्हाण

सहाय्यक शिक्षक, मराठी विभाग

प्रा. कुलदिप सोळंके

सहाय्यक शिक्षक, इंग्रजी विभाग

विद्यार्थी सहसंपादक

कु. मयुरी फरकाळे

बी.एस्सी. भाग ३

कु. श्रेया जयस्वाल

बी.एस्सी. भाग २

कु. कोमल काळे

बी.एस्सी. भाग २

मुद्रक

श्री गुरुदेव प्रिन्टर्स, महात्मा फुले संकुल,

शेगाव नाका, अमरावती.

सर्वहक्क प्रकाशकाच्या स्थाधीन

या अंकात प्रकाशित झालेल्या लेखातील मतांशी प्रकाशक, संपादक मंडळ  
सहमत असेलच असे नाही. ते मत त्या त्या लेखकांचे समजावे.

## संपादकीय



रसिक वाचकांनो, आपण सर्वांचे आम्ही मनापासून स्वागत करतो. “संकल्प” या वार्षिकांकाचे वैशिष्ट्य म्हणजे नव्या जाणिवेने ते आपल्यापुढे सादर होत आहे.

अनुभव आणि सद्विचारांच्या संस्काराने माणसाचा जगाकडे बघण्याचा दृष्टिकोन बनतो त्याला नविन जीवनदृष्टी लाभते तिच्यामुळेच मानवी मनाचे उन्नयन होऊन चारित्र्यनिर्मिती होत असते हे कार्य प्रामुख्याने साहित्यिक करित असते. विचार, भावना आणि कल्पनांचा त्रिवेणी संगम म्हणजेच साहित्य आणि विचाराला परिपक्वता प्राप्त होण्यासाठी महाविद्यालयीन जीवनापासून सुरुवात होणे जरूरीचे आहे.

प्रकृतीपासून संस्कृतीकडे वळणारा हा मार्ग महाविद्यालयात रूजला जातो म्हणून विद्यार्थ्यांच्या साहित्यिक गुणांना वाव मिळावा त्यांच्या विचारांनी शब्दरूप धारण करावे, त्यांना लिहीतं कराव हा हेतू समोर ठेवून दरवर्षी आम्ही महाविद्यालयाच्यावतीने वार्षिकांक प्रकाशित करित असतो.

महाविद्यालयात सातत्याने वर्षभर विविध उपक्रम राबविले जातात तसेच महाविद्यालयात प्राविण्यप्राप्त विद्यार्थ्यांचा सत्कार केला जातो त्यांच्या कलागुणांना वाव मिळावा म्हणून सदैव आम्ही प्रोत्साहन देत असतो त्यांनी केलेल्या कामगिरीची नोंद या वार्षिकांकामध्ये घेण्यात येते.

वार्षिकांकाच्या निमित्ताने विद्यार्थ्यांनी लिहीलेले लेख, कविता, चारोळ्या, विनोद, संकलित साहित्य यांच्या माध्यमातून त्यांच्या वैचारीक सृजनशिलतेचा प्रत्यय येतो.

या वर्षीच्या वार्षिकांकात साहित्याच्या विषयांची विविधता आहे. या अंकाचे श्रेय अर्थातच विद्यार्थी वर्गाला आहे. सदर वार्षिकांक आकर्षक स्वरूपात सादर करतांना आमचा आनंद द्विगुणीत होण्यापेक्षा शतगुणित होत आहे असे म्हटले तर अतिशयोक्ती होणार नाही.

ज्या मनांनी व करांनी आम्हाला सहकार्य केले त्या सर्वांचे आम्ही ऋणी आहोत यापुढेही सर्व सहभागी असेच आम्हास सहकार्य करतील अशी अपेक्षा बाळगून सन २०२३-२४ चा “संकल्प” वार्षिकांक तुमच्या सुपुर्द करतांना मनस्वी आनंद होत आहे.

**धन्यवाद !**

**संपादक मंडळ**



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## भारतीय कृषी हायटेक होणार?

शेती हा व्यवसाय अतिशय प्राचीन काळापासून सुरू झाला असून मानवी जीवनातील अतिशय महत्वाचा टप्पा आहे, मानवाच्या विकासाबरोबरच या व्यवसायाची सुरुवात झाली असून तो अगदी अनादी काळापर्यंत चालू आहे. आज मानवाच्या विकासाबरोबरच या शेती व्यवसायातही आमुलाग्र बदल होत आहेत. मानवाच्या विकासाबरोबर अनेक नविन गोष्टी तो आत्मसात करित गेला त्याचाच एक भाग म्हणजे मानवाला शेती व्यवसायाचा लागलेला शोध होय. हजारो वर्षांपूर्वी मानवाच्या लक्षात आले की झाडाची जमीनीवर पडणारी बीजे खाली पडल्यावर वातावरणामुळे रुजते व उगवते आणि त्यातूनच वनस्पतीची वाढ होते. तेव्हापासून मानवाने शेती करण्यास सुरुवात केली. मानव अनेक धान्याच्या बीया आपल्या शेतीत लागवड करून त्यापासून अन्नधान्याच्या उत्पादनास प्रारंभ करू लागला.



भारतातही अगदी प्राचीन काळापासून शेती केली जाते. भारतीय शेतीला ऐतिहासिक, सामाजिक आर्थिक असे महत्त्व प्राप्त झाले आहे. शेतीला मातेसमान महत्त्व देवून शेती ही पवित्र समजली जाते. काळानुरूप भारतातील अनेक विचारवतांनी शेतीचे महत्त्व व शेती विषयक प्रश्न व आपले मत मांडण्याचा प्रयत्न केला. त्यात फुले, शाहू यांनी शेतीचे काय महत्त्व आहे हे पटवून देण्याचा प्रयत्न केला. भारत हा कृषीप्रधान देश आहे. भारतीय अर्थव्यवस्थेचे प्रमुख व्यवसाय म्हणून शेतीकडे पाहिले जाते. कारण यावर अवलंबून असणाऱ्यांची संख्या ७०% चा जवळपास असलेली दिसते.

भारताच्या एकूण भौगोलिक क्षेत्रापैकी (३२.९ कोटी हेक्टर) ९२.७ म्हणजेच ३०.५ कोटी हेक्टर (जमीनीचे

मापन करण्यात आले आहे.) लागवडीखाली असलेले क्षेत्रफळ १४.२ कोटी हेक्टर एवढे आहे. देशाचा एकूण उपलब्ध जमीनीपैकी ४६.४% जमीनीतून विविध प्रकारची पिके घेतली जातात. म्हणून याकडे रोजगार निर्मितीचे क्षेत्र म्हणून पाहिले जाते.

आजच्या नियोजन काळात देशाच्या उत्पन्नात शेतीचा हिस्सा जरी कमी झाला असला तरी इतर देशाच्या विकासाची तुलना करता महत्त्वपूर्ण आहे. शेती हा व्यवसाय केवळ देशाच्या राष्ट्रीय उत्पादकातील महत्त्वपूर्ण व्यवसाय नसून हा व्यवसाय उद्योग, व्यापार, या दृष्टीनेही महत्वाचा आहे. कारण शेतीतून निघालेला शेतमाल उद्योगासाठी

कच्चा माल म्हणून उपयोगात आणला जातो. सध्या भारतातील कापड उद्योग, साखर उद्योग, पीठ गीरण्या, डेअरी उद्योग, मांस, मत्स्य व्यवसाय, रेशीम, इ. उद्योग यावरच

अवलंबून आहेत. सद्या यातून भारताला परकीय चलन मोठ्या प्रमाणात प्राप्त होते. देशाच्या एकूण निर्यातीत शेतमाल वस्तुचा हिस्सा ३८% एवढा आहे. जगातील अमेरिका, रशिया, फ्रान्स, चीन, जर्मनी, इसराईल या देशाशी तुलना करता विविध पिकाच्या बाबतीत भारतीय शेतीची उत्पादकता खूपच कमी आहे. म्हणून याची कारणे शोधली पाहिजे. आणि त्यावर विचारमंथन करून ठोस उपाययोजना आपण राबवायला पाहिजे. यासाठी भारतीय शेती ही जगातील इतर देशाप्रमाणे हायटेक करण्यावर भर देणे अत्यंत गरजेचे आहे.

भारतीय शेती हा भारतातील लोकांचा प्रमुख व्यवसाय आहे. आज या व्यवसायात वर्षभर काम मिळत नाही कारण ६०% शेती ही कोरडवाहू आहे आणि ४०%

जवळपास शेती ओलीत असल्याचे दिसते. म्हणून वर्षातून काही दिवसच शेतीत काम उपलब्ध होते. बाकी दिवस रिकामे राहावे लागते. यातून मुक्ती मिळवण्यासाठी शेतीबरोबर शेतकऱ्यांना शेतीपूरक व्यवसायाकडे लक्ष देणे गरजेचे आहे. आणि त्याचबरोबर शेतीवर तंत्रज्ञान वापरून शेतीला हायटेक कण्याचा आणि जगासोबत व्यवसाय करण्याचा प्रयत्न केला तरच भारतीय शेतकरी सुखी आणि संपन्न होईल.

### हायटेक कशी ?

भारतीय शेती हायटेक कशी करता येईल यावर काय उपाय आहेत याबाबतीत आपल्याला अनेक बदल करावे लागेल. ते माझ्यामते खालीलप्रमाणे असायला पाहिजे.

#### १) शेतीपूरक व्यवसाय :

निव्वळ परंपरागत पिके घेण्यात शेतकरी संपन्न होणार नाही. तर त्याबरोबर शेतकऱ्यांना शेतीपूरक व्यवसायाकडे वळावे लागेल यामध्ये

\* दुग्ध व्यवसाय : एकात्मिक शेती पद्धतीत पशुधनाचे महत्त्व अनन्यसाधारण आहे. दुग्धव्यवसाय हा नगदी पैसे मिळवून देणारा आहे. प्राप्त परिस्थितीनुसार गोपालन, म्हैसपालन ई. करणे हितावह ठरू शकते. गायी, म्हसीसाठी लागणारा चारा शेतीतूनच प्राप्त होतो म्हणून कमी खर्चात अधिक पैसे मिळवून देतो.

\* कुक्कूटपालन : हा व्यवसाय शेतीपूरक व्यवसाय आहे. अंडी व मांस उत्पादनासाठी प्रचलीत असा हा व्यवसाय शेतकऱ्यांना अधिक पैसे मिळवून देतो.

\* शेळी व मेंढी पालन : कुठल्याही वनस्पतीवर गुजरान करून तग धरू शकणारे प्राणी म्हणजे शेळी, मेंढी. अलीकडच्या काळात मासांची मागणी फारच वाढत असल्याने हा व्यवसाय किफायतशीर ठरू शकतो.

\* फुल शेती : भारतात मोठ्या प्रमाणात आज फुलशेती कडे अनेक शेतकरी वळलेले दिसते. कारण

आधुनिक जगात विविध देशात अनेक समारंभासाठी लागणारी फुले यावरून आपल्याला फुले शेतीचे महत्त्व दिसते व यातूनही खुप मोठ्या प्रमाणात पैसा कमविता येतो.

\* फळ शेती : फुल शेतीप्रमाणेच आज शेतकरी फळशेतीकडे वळल्याचे दिसते. नैसर्गिक संसाधनांचा उपयोग करून आधुनिक तंत्रज्ञानाच्या जोडाने डाळींब, द्राक्षे, पेरू, सीताफळ, बोर, अंजीर, आंबा, चिकू, संत्रा, मोसंबी, लिंबू इत्यादी फळपिके निवडण्यास वाव आहे.

इत्यादी सर्व बाबतीत जर शेतकरी आधुनिक पद्धतीने नविन तंत्रज्ञानाचा वापर शेतीत करून जर मेहनत करायला लागला तर तो निश्चित संपन्न होईल व त्याचबरोबर देशाची अधिक उन्नती साधण्यास हातभार लावू शकेल एवढेच.

प्रा. अण्णा पाटील

सहाय्यक प्राध्यापक





## ॥ श्री संत गजानन महाराज ॥

आपला भारत देश अनादीकालपासून ईश्वर, परमात्मा, परमेश्वर, देव, देवता यांना पुज्य, श्रद्धा, भाव, भक्ती, शक्ती प्रेम, आस्था अशा अनेक शब्दांनी सतत चर्चेत राहीला आहे. ईश्वर / देव आहे किंवा नाही यावर सुद्धा बरेच व्यक्ती चर्चा करत असतात. ईश्वर/देव मी तर पाहीला नाही पण या कलीयुगामध्ये अनेक संतांना लोकांनी पाहीले आहे, त्यांचे चमत्कार/साक्षात्कार पाहीले तसेच अनुभवले. म्हणूनच मला असे वाटते की कोणती तरी शक्ती देव असावी असा माझा ठाम निश्चय आहे.

आपल्या भारतखंडामध्ये अनेक संत होवून गेली. त्यापैकीच एक महाराष्ट्र विदर्भातील शेगांव या नगरीमध्ये श्री संत गजानन महाराज प्रकट झाले. प्रकट तिथी माघवैद्य सप्तमी अंदाजे २३ फेब्रुवारी १८७८. पण श्री संत गजानन महाराज कोठून आले किंवा त्यांचे कुळ कोणते हे अजूनपर्यंत कोणासही माहिती नाही. ज्याप्रमाणे काही संत जसे की श्री संत ज्ञानेश्वर महाराज, श्री संत तुकाराम महाराज असे अनेक संतांची कुळे आपल्याला माहिती आहे.

मी संत गजानन महाराजांचा विजय ग्रंथ वाचला. त्यावरून असे लक्षात येते की महाराज सिद्ध योगी होते आणि योगी कधीही/कोठेही आपला अवतार घेवू शकते. त्यांच्या ग्रंथामध्ये कथन केल्या प्रमाणे तसे उष्ट्या पत्रावळीवर जेवण करणे, नाल्याचे घाण पाणी पिणे,

मधमाशांचे डंक सहन करणे, उसाचा मार सहन करणे, असाध्य आजारी व्यक्तींना बरे करणे, वेदवृत्ता म्हणणे, भुत भविष्य वर्तमान सांगणे अशा अनेक गोष्टी त्यांना अवगत होत्या.

शेगांव नगरीतील अनेक लोकांना योगदर्शन घडवून भक्ती मार्ग अवलंबण्यास सांगितले त्यामध्ये श्री. बंकटलाल, पितांबर, भाष्कर, बाळाभाऊ, गंगाभारती, पुंडलीक, पाटील कुळातील शंकर पाटील, कृष्णा पाटील, रामचंद्र पाटील इत्यादी यांच्यावर महाराजांची विशेष कृपा होती. आजही श्री संत गजानन महाराज संस्थान शेगांव यांचा सर्वस्वी कारभार श्री पाटील कुळातील वंशज अतीशय नम्रपणे, शिस्तपणे, योग्यरित्या चालवित आहेत. संपूर्ण भारतामध्ये श्री संत गजानन महाराज मंदिरासारखे पवित्र, निष्ठावाण, सेवाभावी, निशुल्क सेवा, दिवसभर निशुल्क भोजन/नास्ता/प्रसाद व्यवस्था, भक्त निवास व्यवस्था, शैक्षणिक व्यवस्था इती इतर ठिकाणी कोठेही पाहावयास मिळत नाही.

महाराजांबद्दल खूप काही सांगण्यासारखे आहे पण हे त्यांच्या लिलेचे अतिशय संक्षिप्त वर्णन आहे. महाराजांबद्दल संपूर्ण माहिती घेण्याकरीता स्वतः शेगाव ग्रामी जावून दर्शनाचा / प्रसादाचा लाभ घ्यावा तसेच त्यांचा विजय ग्रंथ वाचावा. आजचे संत हेच देव स्वरूप आहे हे आपल्याला मान्य करावे लागेल असे मला वाटते. पुढे लिहीण्यास विराम देतो. या लेखामध्ये काही कळत नकळत चुका झाल्या असतील तर त्याची क्षमा असावी.

॥ श्री संत गजानन महाराज की जय॥

श्री. सुनिल आंबटकर

प्रयोगशाळा सहाय्यक



## कॉलेजचा निरोप घेतांना

“लेक सासरला जाये  
मागे परतुनि पाये.”

अशाप्रकारची अवस्था ही कॉलेजचा निरोप घेतांना होते. ज्याप्रमाणे लेक ही सासरी जाते व पुन्हा मागे परतून पाहते. तसेच कॉलेजचा निरोप घेतांना मागे पाहण्याची वेळ येते.

\* कॉलेजमधील पहिला दिवस : कॉलेजचा पहिला दिवस हा अति दुःखदायक असतो. कारण त्यावेळी अनोळखी विद्यार्थी, मैत्रिणी, अनोळखे प्राध्यापक आणि अनोळखे कॉलेज सुद्धा! त्यावेळी आपण एकटेपणाचा अनुभव घेत असतो.

\* वातावरणाचा परिचय : कॉलेजच्या पहिल्याच दिवशीचे वातावरण पावसाचे होते. पाऊस सुरु होता आणि पावसाचे गार-गार थेंब अंगावर पडत होते आणि त्याचबरोबर गार वारा सुटत होता.

\* भेट लेले मित्र-मैत्रिणी : कॉलेजच्या पहिल दिवशीच अनेक मित्र-मैत्रिणींची ओळख झाली. अनेक मैत्रिणींसोबत परिचयही झाला व त्याच कॉलेजच्याच पहिल्याच दिवशी प्राध्यापक मित्र-मैत्रिणींची सुद्धा ओळख झाली.

\* कॉलेजमध्ये मिळालेले ज्ञान : कॉलेजमध्ये अनेक ज्ञान मिळाले. ज्या गोष्टीबद्दल माहिती नव्हती. त्या गोष्टींबद्दल ज्ञान कॉलेजमध्ये मिळाले. ज्या गोष्टींची आमच्यामध्ये गरज होती. ते ज्ञान कॉलेजमध्ये मिळाले.

\* मिळालेला जीवनानुभव : कॉलेजमध्ये शिकत असतांना अनेक अनुभव पाहावयास मिळतात. अनेक चांगले-वाईट अनुभवांची ओळख झाली. त्याचप्रमाणे काही अनुभव हे गमतीशिर होते. असे जीवनानुभव कॉलेजच्या दोन वर्षात मिळाले.

\* प्राध्यापकांशी जुळलेली नाती : कॉलेजमध्ये प्राध्यापकांशी चांगली ओळख झाली. प्राध्यापकांनी सुद्धा आमच्यासोबत चांगली ओळख करून घेतली. त्यांना आम्ही

काही अडचणी विचारू लागलो, तर ते सुद्धा आम्हांला लगेच आमच्या आलेल्या अभ्यासाबद्दल अडचणी दूर करून द्यायच्या.

\* ग्रंथालयाशी जुळलेले नाते : आम्हाला आमच्या अभ्यासक्रमाव्यतिरिक्त तसेच अभ्यासाचे पुस्तके ग्रंथालयात वाचायला मिळाली. जी पुस्तके आमच्याजवळ उपलब्ध नव्हती. व जी पुस्तके आम्हांला अत्यंत उपयुक्त होती. ती पुस्तके सुद्धा आम्हांला आमच्या कॉलेजच्या ग्रंथालयामध्ये मिळाली.

\* निरोप घेतांना ‘लेक सासरला जाये मागे परतुनी पाहे’ ही स्थिती : कॉलेजचा निरोप घेतांना ज्याप्रमाणे लेक ही सासरी जाते व पुन्हा मागे परतून पाहते. त्याचप्रमाणे आम्हां सर्व विद्यार्थ्यांची स्थिती झाली होती.

\* गोड स्मृतींचे स्मरण : आम्हाला कॉलेजमध्ये घडलेल्या गोड स्मृतींचे स्मरण हे कॉलेजचा निरोप घेतांना झाले. कॉलेजमध्ये घडलेल्या गमतिशिर आठवणी गोड स्मृतींचे स्मरण झाले.

\* निरोप घेतांना डोळ्यांतून आनंदाश्रु : कॉलेजचा निरोप घेतांना डोळ्यातून आनंदाश्रु व दुःखाश्रु येत होते. कारण कॉलेजमधील सर्व आठवणी ह्या डोळ्यांसमोर येत आहे असे दिसत होते.

ज्यावेळी त्या आठवणीने डोळ्यांतून आनंदाश्रु येत होते.

अशाप्रकारे कॉलेजचा निरोप हा जीवनातील अविस्मरणीय प्रसंग आहे असे मला वाटत होते.

कु. मयुरी फरकाडे  
बी.एस्सी भाग ३

## “स्त्री जन्मा ही तुझी कहाणी”

खरचं! स्त्री जन्माला आल्यावर तिला अनेक संकटाना, अनेक प्रश्नांना सामोरे जावे लागते, स्त्रीयांना आपल्या आयुष्यात आई, मुलगी व पत्नी हे तीन स्तर पूर्ण करावे लागते. तसेच त्यांना अनेक वैयक्तिक समस्या असतात.

स्त्री एक आदर्श माता, गृहिणी, भगिनी असते. तेव्हा स्त्री जन्म घेते तेव्हा तिच्या समोर अनेक अशा गरजा निर्माण होतात. त्या त्यांना पूर्ण कराव्या लागतात. स्त्रीला तिच्या जीवनात एक आदर्श मुलगी, माता व आदर्श गृहिणी तसेच सर्वच भावांची ती भगिनी असते.

स्त्रीयांना समाजात कमी प्रतीचा दर्जा दिला जातो. स्त्रीयांना पूर्वी समाजात काहीच स्थान नव्हते. त्यांना फक्त ‘चुल आणि मुल’ हिच मर्यादा होती. तिने फक्त मुलांना जन्म द्यावा व घर सांभाळावे. शिक्षण घेण्याचा तिला अधिकार नव्हता. बाहेर फिरण्याचे स्वातंत्र्यही नव्हते. तिला समाजात घरातील सर्व सदस्यांपेक्षा कमी प्रतीचा दर्जा होता.

स्त्रीयांना विविध क्षेत्रात भाग घेता येत नव्हता पण जे काही थोर नेते, सुधारक होवून गेले, त्यांनी स्त्रीयांना प्रतिष्ठा मिळवून दिली. त्यामुळ स्त्रिया आज विविध क्षेत्रात कार्य करू लागल्या जसे डॉक्टर, नर्स, इंजिनिअर, पोलीस, वकील इत्यादी क्षेत्रात सुद्धा आता स्त्रीया पुरुषांच्या बरोबरीने काम करू लागल्या.

त्याचप्रमाणे स्त्रीयांवर पूर्वी तसेच आजही खूप अत्याचार अन्याय सहन करावा लागतो. स्त्रीयांवर तिच्या सासरी, समाजात अनेक अन्याय होतो तरीही ती तो अन्याय सहन करून विनयशील राहते. स्त्रीच एक अशी आहे की, जी अन्याय सहन करणारी मूर्ती आहे.

जेव्हा स्त्री लग्न होऊन सासरी जाते तेव्हा तिने जर भरपूर हुंडा दिला नाही तर तिच्या सासरी हुंड्यासाठी पुष्कळ छळ स्त्रीचा केला जातो. तिला म्हटल्या जाते की, तुझ्या आईवडिलांकडून आम्हाला काहीच पैसा मिळाला नाही, म्हणून तू आता माहेरून पैसा मागवून दे. अशाप्रकारे तिचा जबरदस्तीने छळ करून हुंड्यासाठी तिच्यावर अन्याय केला जातो.



हुंडाग्रस्त स्त्रियांच्या अनेक समस्या आहेत. स्त्रियांच्या हुंड्यासाठी आईवडिलांना आपल्या जीवनात कमविलेल्या सर्व संपत्तीचा वाटा हा हुंड्यामुळे गमवावा लागतो. त्याचे आईवडिलांची परिस्थिती असो वा नसो त्यांना हुंड्याला बळी पडावेच लागतात.

त्याचप्रमाणे स्वातंत्र्यपूर्वी स्त्रियांना समाजात शैक्षणिक क्षेत्रात काहीच स्थान नव्हते. स्त्री फक्त ही प्रजोत्पादनाचे साधनच समजले जाते. तिला फक्त घर सांभाळणे, घरातील मंडळींची सेवा करणे इतकीच मर्यादा तिला होती.

तसेच स्वातंत्र्यानंतर मान मिळू लागला. त्याचे सर्व श्रेय हे स्त्रियांसाठी झटलेल्या सुधारकांना मिळते. स्वातंत्र्यानंतर स्त्रियांची हळूहळू सर्वच क्षेत्रात प्रगती होऊ लागली. स्त्रियांनी शिकावे स्वावलंबी व्हावे. यासाठी थोर समाजसेवक महात्मा फुलेंनी पुण्यात पहिली शाळा सुरु केली. तसेच स्त्रियांसाठी अनेक सुधारणा केल्या.

समाजात प्रथम प्रतिष्ठा पुरुषांनाच असते. परंतु प्रत्येक यशस्वी पुरुषांमध्ये एक स्त्री असते. हे तत्त्व न समजून घेता पुरुषच स्त्रिचा अन्याय करतो. व त्याचप्रमाणे एखाद्या स्त्रीला जर मुलगीच झाली तर तिला स्त्रिकडूनच अन्याय व



छळ सहन करावा लागतो. म्हणजेच स्त्रीचा स्त्रिकडून छळ होतो.

त्याचप्रमाणे भारतीय संस्कृतीत रूढी व परंपरा तसेच अंधश्रद्धाचा पगाडा ही आहे. स्त्रीयांना अनेक रूढी व परंपरेला सामोरे जावे लागते. तसेच स्त्रीयांना अंधश्रद्धेत गुंतवले जाते. अशाप्रकारे स्त्रियाला अंधश्रद्धेवर सुद्धा बळी पहावे लागते.

अशाप्रकारे स्त्रीची कहाणी आहे, म्हणजेच त्यांचा जन्मच व्यर्थ आहे म्हणूनच स्त्रीनेच स्त्रीला म्हटले आहे 'स्त्री जन्मा ही तुझी कहाणी' यानंतर स्त्रीला स्त्री-मुक्तीसाठी राजा राममोहन रॉय, महात्मा फुले अशा थोर नेत्यांनी, समाजसुधारकांनी सतीबंदी, पुनर्विवाह असे कायदे केले.

अशाप्रकारे अनेक समाजसुधारकांनी स्त्री मुक्तीसाठी समस्या सोडविण्यासाठी अनेक कार्य केले. म्हणून आजची स्त्री ही स्वातंत्र्य आहे.

कु. अंजली वऱ्हाडे

बी.एस्सी भाग ३



## कर्जबाजारी शेतकरी

ना निसर्गाची साथ  
ना पाठीशी कुणाचा हात  
दिवस रात्र कष्ट करतोय  
तो करू शकेल का ?  
परिस्थितीला मात...

म्हणतात शेतकरी हा अन्नदाता  
कर्जापायी मरतोय आता  
एखाद्या कडे तर भरपूर पैसा  
मग शेतकरीच का राबतोय असा...

शेतीसाठी पैसा काढून  
व्याप डोक्यामागे किती ?  
कर्जापायी मरतोय रे कुणालाच नाही का ?  
याची भीती ?

काय करावे त्याने, मरावे की जगावे,  
की, कर्जबाजारी होऊन आयुष्यभर  
व्याजाचे पैसे फेडत राहावे...

कर्जमाफी, कर्जमाफी कर्जमाफी होऊ द्या.  
आपल्या जगाच्या अन्नदात्याला  
सुखाने जीवन जगू द्या  
सुखाने जीवन जगू द्या...

कु. प्राची अजय पंचपात्रे

B.Sc Ist



## मानवी मन आणि मनाचे विकार

मनुष्य तसाच असतो, जसे त्याचे मन त्याला घडविते. मनुष्याच्या सर्व व्यवहाराचे उगमस्थान मन आहे. मन हेच मुख्य आहे. मनुष्य जर दुष्ट मनाने बोलेल किंवा वागेल तर ज्याप्रमाणे चालत्या बैलगाडीचे चाक बैलाच्या पायांचा पाठलाग करते, त्याप्रमाणे दुःख त्या मनुष्याच्या मागे मागे जात असते. मनुष्य जर शुद्ध मनाने बोलेल किंवा वागेल तर कधी न सोबत सोडणारी मनुष्याची सावली ज्याप्रमाणे त्याच्याबरोबरच असते. त्याचप्रमाणे सुख सदा त्या-त्या बरोबर राहते.

मन हे चंचल, अस्थिर, असंयमी असते. आपल्या स्वतःस एका प्रदीपासमासून बनवावे. परिश्रम करावे जेव्हा मनाचे विकार नाहीसे होतील आणि तुम्ही दोषरहित व्हाल, तेव्हा तुम्ही असामान्य अवस्थेला प्राप्त होणार ज्याप्रमाणे सोनार क्रमाक्रमाने चांदीतील अशुद्धतेला जाळून टाकतो, त्याप्रमाणे बुद्धिमान मनुष्याने क्रमाक्रमाने मनाचे विकार नष्ट करावेत.

लोखंडापासून निघणारा गंज हा ज्याप्रमाणे लोखंडातून जन्मास येऊन लोखंडालाच नष्ट करीत असते, त्याप्रमाणेच पापी माणसाचे कर्म त्याला दुर्गतीकडे नेत असते. जो मनुष्य कावळ्यासारखा निर्लज्ज आहे. उचापती करणारा आहे आणि नीच आहे. अशा माणसाला जीवन सुखदायक असते. परंतु जो विनम्र आहे, नेहमी पवित्रतेच्या शोधात असतो. शांत आहे, निर्मल आहे अशा मनुष्याचे जीवन सुखदायक नसते. असंयमित मानसाची स्थिती चांगली नसते. दुसऱ्याचे दोष हे सहज दिसतात. परंतु स्वतःचे दोष क्वचितच दिसतात. ज्याप्रमाणे धान्याच्या तुस पाखडावे, त्याप्रमाणे माणूस इतरांचे दोष पाखडीत असतो. परंतु ज्याप्रमाणे कपटी जुगारी अपयशी फासा लपवून देवतो. त्याप्रमाणेच मनुष्य स्वतःचे दोष लपवीत असतो. जो मनुष्य इतरांचे दोष पाहत राहतो आणि स्वतःचे दोष उघड होताच अस्वस्थ होतो त्याचे मनाचे विकार वाढतच राहतात आणि तो त्या विकारांच्या विनाशापासून दूर दूर जात राहतो.

कावेरी माणिकराव गजबे  
B.Sc. Ist year (CBZ)

### चारोळी

कोण पाहोचलं आहे, आपल्या अंतिम ध्येयापर्यंत  
प्रत्येकासाठी थोंड तरी आकाश अजून बाकी आहे,  
तुलाच असं वाटते की तू उडण्यास सक्षम नाहीस,  
मला खात्री आहे,  
तुझ्या पंखांत अजून भरारी बाकी आहे.

### चारोळी

मावळ्याशिवाय बहर येत नाही,  
जनतेशिवाय सरकार बनत नाही.  
काही केल्याविना जयजयकार होत नाही.  
मेहनत करणारा कधी अपयशी होत नाही.



## शिक्षणाचे महत्त्व

“शरीराला श्रमाकडे,  
बुद्धीला मनाकडे आणि  
हृदयाला भावनेकडे  
वळविणे म्हणजे  
शिक्षण”

शिक्षण आपल्या बुद्धीला चमक प्रदान करते.

आपल्या विचारांना उच्च करते आणि दुसऱ्यांच्या  
विषयी आपले चरित्र व व्यवहाराला मजबूत करते.

आपल्याला विविध क्षेत्रांची माहिती प्रदान करते.

आपल्याला आपली नोकरी व करिअरच्या क्षेत्रात तत्र  
बनवण्याचे कार्य शिक्षण करीत असते. म्हणूनच  
शिक्षणाशिवाय आपण व्यवस्थित जीवन जगू शकत नाही.

शिक्षण व्यक्तीला समाजात मानसन्मान व उच्च स्थिती  
प्रधान करते.

शिक्षण हे आपल्या सर्वांच्या उज्वल भविष्यासाठी  
आवश्यक आहे.

“अज्ञानात आपली अधोगती,  
शिकण्यातच आहे खरी प्रगती.”

शिक्षण व्यक्तीला जीवनात एक चांगला, डॉक्टर,  
इंजिनिअर, पायलट, शिक्षक इत्यादी बनण्यात सहाय्य करते.

आधुनिक शिक्षण प्रणाली आजच्या युगात  
शिक्षणात महत्त्वाची भूमिका बजावते आहे. मोफत प्राथमिक  
शिक्षण सर्वांना दिले जात आहे.

ज्यामुळे कमी पैसे असतानाही विद्यार्थी आपले  
शिक्षण पूर्ण करू शकतो. याशिवाय गरीब व हुशार  
विद्यार्थ्यांना शासनाकडून मासिक व वार्षिक स्कॉलरशिप  
देखिल देण्यात येते.

आत्मविश्वास हा शिक्षणाने निर्माण होतो  
आत्मविश्वासी व्यक्तीला कोणत्याही कार्यात यश जलद  
मिळते.

उचित शिक्षण मिळाल्याने व्यक्तीमध्ये शिक्षण व  
ज्ञान प्राप्त करण्याची क्षमता असते.

शिक्षण यशस्वी आयुष्यासाठी अति महत्त्वाचे आहे.

“शिकण्याची क्षमता ही एक भेट आहे;

शिकण्याची क्षमता एक कौशल्य आहे;

शिकण्याची इच्छा ही निवड आहे.”

शिक्षण मेंदूला सकारात्मकतेकडे वळवते व  
नकारात्मक विचारांना दूर करते. आपल्याला आपली  
नोकरी व करिअरच्या क्षेत्रात तज्ञ बनवण्याचे कार्य शिक्षण  
करीत असते.

शिक्षण समाजातील लोकांना इतरांविषयी नैतिकता  
आणि शिष्टाचार शिकवते. म्हणूनच आजच्या युगात  
कोणीही जीवनातील शिक्षणाचे महत्त्व दुर्लक्षित करू शकत  
नाही.

जीवनात यशाची शिखरे गाठताना,

मिळालेला काठीचा आधार म्हणजे “शिक्षण”

आलिया अ. पठाण

B. Sc. III rd CBZ



## छत्रपती शिवाजी महाराज

स्वराज्यावरती सदा मोगल,  
आदिलशाहीच्या वाकड्या नजरा!  
पाडाव केला त्यांचा त्या शेरं शिवरायांना  
माझ्या मानाचा मुजरा!!

हिंदू धर्म राखिले,  
स्वराज्य स्वप्न साकारिले...  
गर्जुनिया केलासी स्वराज्य साजरा  
छत्रपती शिवराया तुज मानचा मुजरा...

लखलख चमचम तळपत होती  
शिवबांची तलवार  
महाराष्ट्राला घडविणारे तेचं खरे शिल्पकार...

कलम नव्हते कायदा नव्हता  
तरिही सुखी होती प्रजा  
कारण सिंहासनावर होता  
माझा छत्रपती शिवाजी राजा

ज्या मातीत जन्मलो  
तीचा रंग सावला आहे  
सह्याद्री असो वा हिमालय  
छाती ठोक सांगतो  
मी छत्रपती शिवरायांचा मावळा आहे

पिढ्यानपिढ्यानची गुलामगिरी संपली  
आणि सुखी झाली सारी प्रजा!  
कारण सिंहासनावर बसला होता  
माझा छत्रपती शिवाजी राजा!

शब्दही पडतील अपुरे, अशी शिवबांची किर्ती  
राजा शोभून दिसे जगती, अवघ्या जगाचा शिवछत्रपती

“ॐ” बोलल्याने मनाला शांती मिळते  
“साई” बोलल्याने मनाला शक्ती मिळते  
“राम” बोलल्याने पाप मुक्ती मिळते  
“जय शिवराय” बोलल्याने आम्हाला  
शंभर वाघाची ताकद मिळते  
जिथे शिवभक्त उभे राहतात  
तिथे बंद पडते भल्या भल्यांची मती  
अरे मरणाची कुणाला भिती  
आदर्श आमचे राजे शिवछत्रपती!!!

इतिहासाच्या पानावर, रयतेच्या मनावर,  
मातीच्या कणावर आणि विश्वासाच्या प्रमाणावर  
राज्य करणारा राजा म्हणजे राजा शिवछत्रपती शिवाजी

कलम नव्हते कायदा नव्हता तरीही सुखी होती प्रजा  
कारण सिंहासनावर होता माझा छत्रपती शिवाजी राजा





## परीक्षा...

जागवल्याशिवाय जाग येत नाही  
ओढल्याशिवाय काडी पेटत नाही तसे,  
“छत्रपतींचे” नाव घेतल्याशिवाय  
माझा दिवस उगवत नाही

माझ्या रक्ताने धूतले जरी तुमचे पाय,  
तुमचे माझ्या वरचे ऊपकार फिटनार नाय,  
धन्य धन्य माझे शिवराय

आम्ही त्यांच्या पुढे नतमस्तक होतो  
ज्यांच्यामुळे आज आमचं  
अस्तित्व आहे...

! जगदंब जगदंब !!  
ना चिंता ना भिती,  
ज्याचा मना मध्ये राजे  
!! शिवछत्रपती !!

श्रेया पी. सावंत  
BSC 2nd year (CBZ)



परीक्षा परीक्षा डोक्यामागे ताप  
कधी पास, कधी नापास जसे आयुष्याचे मापं...

घाम सुटतो, तहान लागते जेव्हा पेपर हातात येतो  
टाकमक टाकमक बघतो मग मी दिर्घ लंबा श्वास घेतो...

वेळ निघताच आम्ही दोघे सक्खे मित्र वाटू लागतो  
अडकला एखादा प्रश्न तर तिथे डोकं लावत बसतो...

मग हळू हळू कशे तरी भांडण उरकवून घेतो  
पण रडत पडत कशे तरी आम्ही परीक्षेला जातो...

आई सांगते पहिलेच तरी चांगला अभ्यास करायचा बाळा  
कसला अभ्यास, कसली परीक्षा, मला नको अशी शाळा...

ये आई, परीक्षा परीक्षा कसा गं हा डोक्यामागचा ताप  
हसू खेळू, मज्जा करू जीवनाची खरी मज्जा यात...

अरे बाळा...

परीक्षा परीक्षा डोक्यामागचा बसतो रे ताप  
कधी पास, कधी नापास, असचं असतं आयुष्याचं माप...

कु. प्राची अजय पंचपात्रे  
B.Sc Ist



## माझी आई

आई हा अनमोल शब्द आहे.  
 आई या शब्दामध्ये संपूर्ण विश्व  
 सामावलेले आहे, आई ही प्रेम, त्याग  
 व सेवा यांचे खरे प्रतीक आहे.  
 प्रत्येक व्यक्तीच्या जीवनामध्ये आईचे  
 महत्त्व अधिक आहे.  
 माझी आई माझे सर्वस्व आहे.  
 ती माझी गुरू, मार्गदर्शक तसेच खरी  
 मैत्रिण आहे. ती दररोज सकाळी लवकर उठते.  
 आमच्या कुटुंबातील सर्वांची काळजी घेते.  
 माझी आई माझ्यावर चांगले संस्कार करते.  
 मला चांगले काय व वाईट काय  
 हे समजावून सांगते.  
 माझी आई मला फक्त पुस्तकी ज्ञान देत नाही,  
 तर जिवन कसे जगावे हे शिकवते.  
 ती खूप प्रेमळ, कष्टाळू व समजूतदार आहे.  
 मी आजारी असतांना  
 ती माझी खूप काळजी घेते.  
 गोर-गरिब व गरजूना ही ती  
 वेळोवेळी मदत करते.  
 माझी आई मला नेहमी  
 आनंदी ठेवण्याचा प्रयत्न करते...



निकीता जांभवले  
 B.Sc. III year

## आयुष्य

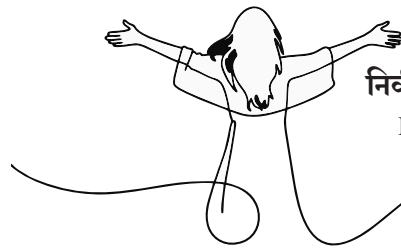
लाख क्षण अपुरे पडतात  
 आयुष्याला दिशा देण्यासाठी  
 पण एक चुक पुष्कळ आहे  
 ति, दिशाहीन नेण्यासाठी...

किती प्रयास घ्यावे लागतात.  
 यशाचा शिखर चढण्यासाठी  
 पण जरासा गर्व पुरा पडतो  
 वरुन खाली गडगडण्यासाठी,

देवालाही दोष देतो आपण,  
 नवसाला न पावण्यासाठी...  
 कितीदा हिंमत दाखवतो आपण  
 इतराच्या मदतीला धावण्यासाठी

किती सराव करावा लागतो,  
 विजयश्रीवर नाव कोरण्यासाठी  
 पण जरासा, आळस कारणीभूत ठरतो  
 जिंकता जिंकता हरण्यासाठी

कितीतरी उत्तर अपुरी पडतात  
 आयुष्याचे गणित सोडविण्यासाठी  
 कितीतरी अनुभवातुन जावं लागते  
 आयुष्य कोड आहे हे पटविण्यासाठी.



निकीता अनिल जाधव  
 B.Sc. II year (CBZ)

## जगता आलं पाहिजे

मरता केव्हाही येतं.

पण जगता आलं पाहिजे.

सुख भोगता केव्हाही येतं.

पण दुःख पचवता आलं पाहिजे.

रंग सावळा म्हणून काय झालं

कर्तृत्व उजाळता आलं पाहिजे

रंग गोरा असला म्हणून काय झालं

मनावरील काजळी काढता आली पाहिजे

यशानं माणूस उंच जातो

पाय जमिनीवर ठेवता आलं पाहिजे.

मिळालेल्या यशात समाधान मानून

आनंदी जीवन जगता आलं पाहिजे.

पाप काय कसही करता येतं

पण पुण्य करता आल पाहिजे

ताठ मान कोणीही राहतं

पण जरा झुकून वागता आल पाहिजे.

ठेच जीवनात लागतेच

सहन करता आली पाहिजे

मलमपट्टी करून तिला

पुन्हा चालता आलं पाहिजे.

राहण्याचं सोंग घेऊन

वेडं होता आलं पाहिजे...

कशाला बळी न पडता

आनंदी जगता आलं पाहिजे...

जगण्याच्या लढाईत उणीव कायम भासेल.

ती उणीव भरता आली पाहिजे.

हास्य आणि अश्रूंचा मिलाप करून

फक्त समाधानी राहता आल पाहिजे..

आयुष्य खूप सुंदर आहे,

भरभरून जगता आलं पाहिजे.

तेजल आर. करडे

B. Sc. II rd CBZ





## यदि समय ना हो तो

कोन हमे सिखाएगा  
जीवन के पथ पर निरंतर चलना  
समय ही तो बतलाएगा  
जो ना समय के साथ  
वह पीछे ही रह जाएगा  
समझ लोगो लोगो ज्ञान की बात  
बीता कल ना वापस आएंगे  
जो समय का अपमान करेंगे  
वो अपना नुकसान मानेंगे  
पर यह चलेगा  
और एक बार जो हाथ से छूट  
तो तुमको बहुत रुलाएगा  
यह तो समय का पहियाँ है साहब यूँ ही चलेंगा।

गौरी पु. सांधेकर

B.Sc. III year (CBZ)

## EDUCATION

Beautiful and Brilliant

I Walk educated,  
I smile educated,  
I talk educated,  
I eat educated.

Education what else on earth  
can I compare you to  
you changed me from being slave to master,  
You change me from being tribal to good  
leader,  
You changed me from wearing rags to  
wearing decent clothes.  
You Changed me from being evil doer to  
God Fearing.

Og! Education you're not heartless like tribalism.  
You bring people from far ends together,  
in your path our needs are unlimited,  
U you turn the impossibilities to possibilities.

Wow! Education life without you is like tea  
without sugar.  
"Cii man de Nhidcl" We can't tell how sweet  
your fruits are

Aliya A. Pathan

B. Sc. III rd CBZ

## KRUSHI RATNA DR. PANJABRAO DESHMUKH

Panjabrao Shamrao Deshmukh, also known as Bhausahb Deshmukh was a social activist and a leader to farmers in India. He was the Minister of Agriculture in the cabinet of Jawaharlal Nehru in 1954.

He was born in Maratha Family at Papal in Amravati district of Maharashtra on 27 December 1898, his family practised agriculture. His father's name is Shamrao and mother's name is Radhabai. His original surname was Kadam. After completing his primary education in his hometown, he was sent to Songaon and then to Karanja Lad. At Karanja Lad, he reached ninth grade, before he was admitted into Hind High School, Amravati, and Fergusson College in Pune.

At that time, higher education was not available in India. Many students traveled to England for further education. He wanted to be a barrister from Cambridge University. Despite intense poverty at home, he managed to obtain enough money to travel. He then went to the Cambridge University and gained a Ph.D., a barrister degree in 1921 and a M.A. honours in Sanskrit. He finished his Ph.D. with the subject Origin and Development of Religion in Vedic Literature.

### Social activities

He studied under Satya Shodhak Samaj of Mahatma Phule. He did satyagraha to allow untouchables to enter Ambabai Temple, Amravati, which was condemned by the upper castes. Dr. Bhimrao Ramji Ambedkar supported

him in this movement. The management of the temple later allowed untouchables to enter the temple. Dr. Panjabrao Deshmukh started another equality movement from his home. After the death of his father, his mother asked him to conduct traditional activity "Shradhha" with Brahmins. He brought untouchable students home from his school hostel and his mother treated them as Brahmins.

His marriage ceremony was simple and held in Mumbai. After the marriage ceremony, when he reached Amravati, his friends convinced Deshmukh to give a party. He held a small dinner party for them. The meal was served by youths wearing white. After dinner Bhausahb stated that the servers were untouchables (violating the prohibition). Many such events were conducted by Dr. Deshmukh to remove untouchability from our society.

### Educational activist

In 1931 he established Shivaji Education Society at Amravati. This education society grew to become the second largest in Maharashtra. This society operates 24 degree colleges, 54 intermediate colleges, 75 high schools, and 35 hostels. An agricultural university bearing his name operates at Akola, i.e. Panjabrao Deshmukh Krishi Vidyapeeth. He strengthened the foundation of education throughout Maharashtra.[2]

### Politics

He was elected thrice for the Lok Sabha. Dr.



Deshmukh was selected by Nehru as Minister of State Agriculture for 10 long years, from 1952 to 1962. He played an important role in the making of the Indian Constitution.[2] He was inspired by B. R. Ambedkar and was a supporter of the mission by Dr. Babasaheb Ambedkar. He was the secretary for Vidarbha region of the Independent Labour Party, established by Dr. Babasaheb Ambedkar.

### **Leader of peasants**

He dedicated his talent and energy for the formulation and implementation of the policies that would bring prosperity to agriculture and the agriculturist. He established the Bharat Krishak Samaj and launched a campaign called Food for Millions in 1955. He introduced the Japanese method of rice cultivation in 1958 and organized the World Agriculture Fair in 1959. The fair was visited by dignitaries across the world, including US President Dwight Eisenhower, Soviet first secretary Nikita Khrushchev, Lord and Lady Mountbatten

He started the process of establishing agricultural universities across the country and supported agricultural education and research

### **Lawyer**

He appeared for poor peasants in many cases at the district court of Amravati. His most predominant case was British Government vs. Azad Hind Sena, in which he assisted Jawaharlal Nehru.

### **Legacy**

Dr. Deshmukh died on 10 April 1965 at Delhi. He was survived by his wife Vimalabai Deshmukh and one son.



**Dr. Minal J. Kechhe**

Associate Professor  
Department of Botany



## Heritage of India "Ayurveda"

India is rich in Floral diversity. Space is fulfilling with real estate of medicinal plants. These Indian medicinal plants are the essence of Ayurveda and Ayurvedic treatment. When used judiciously and clocking with basic principle they produced Miracles effect. Their role cannot be confined to more curation of disease but they also used being of human body. Hence, Ayurvedic drugs are rightly called the elixir of life. Ayurvedic herbs played important role in Ayurvedic treatment from ancient time to this most modern time.

Among ancient civilization, India has been known to be rich repository of medicinal plants. The forest in India is the principal repository of large number of medicinal and aromatic plants which are largely collected as raw material for manufacture of drugs and perfumery products. About 8,000 herbal remedies have been codified in ayurveda. The Rig-Veda has recorded 67 medicinal plants, Yajurveda 81, Atharvaveda 290, Charak samhita and Sushrut samhita had described properties and their uses. Unfortunately, much of the ancient knowledge and many valuable plants are being lost at an alarming rate due to rapid depletion of forest impairing the availability of raw drug, ayurveda like other

system of herbal medicinal has reached a very critical phase.

Ayurveda, Siddha, unani and folk medicinal are the major system of indigenous medicinal and widely practised in India. Ayurveda dating back to 1500-800 BC has been an integral part of Indian culture. The term comes from the Sanskrit root Au (life) and veda (Knowledge). As the name implies it is not only the whole gamut of happy human life involving the physical metaphysical and the spiritual aspects.

Ayurveda recognize that beside a balance of body elements one has to have an enlightened state of conscious's sense organs and mind if one has to be perfectly healthy. Ayurveda are large in experience with nature and unlike in western medicine, many of the concepts elude scientific explanation. Ayurveda is gaining prominence as the natural system of health care all over the world.



**Dr. Minal J. Keche**

Associate Professor  
Department of Botany

## Value of Discipline

"There's not the reason why?  
There's but to do and die."

These lines emphasize the importance of discipline in the army and in the war. However, discipline is necessary not only in the army but also in every organization, in every walk of life, in every activity. In order to understand why discipline is necessary? we must first understand what discipline is. Strict required rules for any work or activity is called discipline. Obeying the rules of doing a work requires self-control and self direction on the part of the doer.

Since, adults are supposed to possess some self-control, they obey the necessary rules of work. Hence, discipline comes to them automatically. It is internal, but they must obey the order of superior when they are working in an organization and obey the rules of social conduct.

But children are not in a position to understand the certain rules or discipline children must accept the authority of the elders

like parents, teachers & obey their orders.

Discipline requires a great deal of self-control. But it never reduces on freedom. On the contrary, it makes freedom all the more meaningful and creates the conditions in which freedom can be exercised.

Discipline is like a bank of river, which does not obstruct the flow of it's water but makes it possible to flow in a desired direction. Discipline is the difference between success & failure, Progress and stagnation. It is the foundation on which success in any walk of life is based.

Discipline is as much necessary to a nation as it is to an individual. No nation can progress without discipline. Discipline is most important in our life.

**Mr. Sanghapal S. Padhen.**  
Dept. of Chemistry.



## Meaning of Life

By the virtue of different field in life, we have different meaning,

### Mathematics :-

Life is like mathematics, adding friends, subtracting enemies, dividing sorrows and multiplying Joys.

### Chemistry :

Life is like a pendulum which is oscillating between sorrows and Joys.

### Zoology :

Life is not to be handled the way our handle a frog while dissecting it do it with almost care as you do in case of an earth worm.

### English :

Life is neither a Tempest " not a mid summer night dream." Life is as you like it! so you should take care that it doesn't go worthless.

**Sonali Deshmukh**

Assistant Professor

## " Take Time"

Take time to think  
It is the source of power

Take time to read  
It is the foundation of wisdom

Take time to play  
It is the secret of staying young

Take time to Quiet  
It is opportunity to seek god

Take time to love  
and be loved  
It is god's greatest gift.

Take time to laugh  
It is the music of the soul

Take time to work  
It is the price of success

Take time to pray  
It is the greatest power on earth

There is a time  
for everything!

Sonali Deshmukh  
Assistant Professor



## آج بھارت میں کسانوں کی حالت

بھارت میں کسانوں کی حالت آج کل ایک بڑے سوال کا سامنا ہے۔ بھارت ملک میں زرعی کام زندگی کا حصہ بہت اہم ہے۔ جیسے کہ اس کے بغیر زرعی کام کا ماحول ممکن نہیں ہے۔ لیکن، اس وقت کسانوں کی حالت بہت پریشان کن ہے۔

پہلے بات یہ ہے کہ زمین کی قدرتی آبی و ہوا میں تبدیلی، بھارت میں کسانوں کے لیے بڑا مسئلہ ہے، موسمیات بالاؤ کی وجہ سے اب کسانوں کے محصولات کی کاشت میں مسائل پیش آرہے ہیں، جس کی وجہ سے ان کے انکم INCOME میں کمی آرہی ہے۔

بھی دوسری بات یہ ہے کہ ماحولیاتی تبدیلی کے علاوہ، بھارتی کسانوں کو ماہرہ حکومتی پالیسیوں سے دشمنی ہے۔ کسانوں کے لیے مناسب قیمتوں میں ان کے محصولات خریدنے کے لیے ماہرہ نہیں ہو رہے ہیں، جس سے ان کا منافع مناسب نہیں ہو رہا۔

تیسری بات یہ ہے کہ ہڑ سے برا عظم قدرتی تبدیلی شہروں کے جانب زمین کی کے ساتھ ہیں اور ان کے افراد بھی اپنے غربت اور کم آمدنی کے باوجود زندگی گزار رہے ہیں۔

بھارت میں کسانوں کی حالت میں بہتری کے لیے حکومت کو اپنی پالیسیوں میں تبدیلی لانی چاہیے۔ کسانوں کو ماہرہ قیمتوں پر ان کے، محصولات خریدنے کی ضمانت دینی چاہیے، اور ماہرہ اتفاق کے ذریعہ انکی معاشی سکيورٹی کے INVESTMENT میں بہتری لانی چاہیے۔ اس کی علاوہ، زرعی فنون کی بہتری تعلیم اور انفسمیٹ ذریعے ان کے لیے نیا مواقع پیدا کرنے کی ضرورت ہے۔

کسانوں کی تنگ دستی کی وجہ سے یہ افراد زیادہ تر کھیتوں پر ہر منحصر ہیں اور جھیلوں، بیلوں، ٹریکٹرز اور براہ راست ہاتھوں کے ذریعے ہر طرح کے زرعی کام انجام دیتے ہیں۔ انکی روزانہ کی محنت اور مشکلات ہمارے لیے بھی قابل تسلیم ہے۔

نام: ثانیہ عروج شیخ

CLASS: B.Sc II yr (CMP)



**ANNUAL  
REPORT**

## DEPARTMENT OF PHYSICS

### About Department of Physics:

The Department of Physics was established in 2008 in the rural area of Chandur Railway with the aim of providing quality education and fostering a scientific approach among students. The Physics Department is dedicated to provide new insights and solutions to accelerate innovation among young minds. Our focus is on training in innovation and its applications, fostering great human qualities through education. At present, the Department of Physics has three permanent teaching staff members: Dr. A. P. Pachkawade, Mr. S. A. Wani, and Dr. Roshani Bhagat, along with one laboratory attendant Mr. L.D.Rathod.

Every year, the Physics Department establishes the 'Sir C.V. Raman Physics Society'. Under this society, we organize various activities designed to kindle creativity, foster innovation, and instill a scientific attitude among students. These activities also promote self-exploration and personal growth.

### 1. Inauguration of 'Sir C. V. Raman Physics Society 2023-24'

The formal inaugural ceremony of the 'Sir C.V. Raman Physics Society' was held on **September 26, 2023** (Tuesday) at 2:00 PM at Late Atul Jagtap Memorial Hall. The program was inaugurated at the hands of Dr. Anant Wadatkar, Assistant Professor and Head of the Department of Physics at Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Amravati. During the ceremony, students from B.Sc. part-I, II and III were appointed to various positions within the society.



Mr. Om Gorle and Ms. Sakshi Pandit from B.Sc-III were appointed as President and Vice President, respectively. Ms. Rutika Chimankar was appointed as Secretary, Ms. Maitri Gawande as Treasurer, and Ms. Anjali Kale, Ms. Ruchika Gulhane, Mr. Tejas Marbade, and Mr. Prathamesh Bobade were appointed as members. I/C Principal Dr. M.P. Chikhale, along with Dr. Roshani Bhagat and Dr. Ashwin Pachkawade, Assistant Professors in the Department of Physics, were present on the dais.

Mr. S. A. Wani, Head of the Physics Department, congratulated all the student members of the newly formed Physics Student Association. He encouraged them to plan activities that would not only enhance their academic knowledge but also promote social responsibility.

### 2. Guest Talk on 'Chandrayaan-3'

On **September 26, 2023**, the college multipurpose hall was abuzz with excitement as students and faculty gathered for an insightful guest talk on 'Chandrayaan -3'. The event was organized by the Department of Physics, aiming to shed light on the latest advancements in India's lunar exploration program. The keynote speaker for the event was Dr. Anant Wadatkar, Assistant Professor and Head of the Department of Physics at Vinayak Vidnyan Mahavidyalaya,



Nandgaon Khandeshwar, Amravati. Dr.Wadatkar began his talk by providing an overview of the Chandrayaan program, emphasizing its significance in the context of India's space exploration endeavors. He highlighted that Chandrayaan-3 is the third lunar mission developed by ISRO, following the successes of Chandrayaan-1 and Chandrayaan-2.



The primary objectives of Chandrayaan-3, as outlined by Dr.Wadatkar, include: Demonstrating safe and soft landing on the lunar surface, Enhancing the understanding of lunar geology and composition. He delved into the technical aspects of the mission, explaining the design improvements and innovations implemented in Chandrayaan-3. Following the presentation, an interactive session was held, where students engaged with Dr.Wadatkar through a lively Q&A segment. The interactive session fostered a dynamic exchange of ideas, underscoring the importance of such events in promoting scientific curiosity and knowledge.

### 3. Unveiling of 'Informative Board' and Launch of E-Album of Physics Poster:

On October 16, 2023, the Physics Department Laboratory buzzed with excitement as faculty, students, and guests gathered to witness the Unveiling of the 'Informative Board' and the launch of the E-Album featuring physics posters created by undergraduate students. This event, organized by the Department of Physics, aimed to celebrate student creativity and foster a deeper engagement with the subject.

The Informative Board, a new addition to the department, was unveiled by the hon'ble president of our institute, Sau. Uttaratai Jagtap. This board is designed to display current research highlights, student achievements, and informative posters on various physics topics. It aims to keep students and faculty updated on the latest developments in the field and stimulate intellectual curiosity. Following the unveiling of the Informative Board, honourable president launched the E-Album of Physics Posters. This digital album features a collection of posters created by undergraduate students as part of their coursework and extracurricular projects. The posters cover a wide range of topics, and demonstrate the students' innovative thinking. I/C Principal Dr. M.P. Chikhale, Head of Physics Department Mr. S.A. Wanialong with Dr. Roshani Bhagat and Dr. Ashwin Pachkawade, Assistant Professors in the Department of Physics, and UG Physics students were present for the program.

### 4. Model Making Competition on the theme 'Astronomical Events'

The Model Making Competition themed 'Astronomical Events' was held at the Department of Physics on October 17, 2024. The event aimed to engage students in a creative and educational experience, encouraging them to explore and present various astronomical phenomena through their models. The competition saw enthusiastic participation from students across different grades, showcasing their understanding and interpretation of celestial events.

The competition was open to students from physics. A total of 30 students participated, forming 7 teams. Each team comprised 3-5 students, allowing for collaborative work and idea sharing. Each team was given 10 minutes to present their model and explain the astronomical event they had chosen. The presentations included models depicting solar and lunar eclipses, the formation of black holes, the phases of the moon, planetary orbits, Mission Chandrayaan-3, comets, and meteor showers etc. The judging of the competition was conducted by Dr. Manisha Golchha, Assistant Professor at Brijlal Biyani College, Amravati. Her expertise in the field added great value to the event, ensuring a fair and insightful evaluation of the models. First prize awarded to Ku. Vaishanawi Madawi and group, second prize awarded to Ku. Samiksha Kubade and group and 3rd prize awarded to Ku. Pratiksha Patane and Pranoti Ujjenkar.

All the winners were honoured by presenting them with attractive prizes at the hands of distinguished guests, Dr. Suryakantaji Rodage, Associate Professor, Adarsh Mahavidyalaya, and Dr. Parag Wadnerkar, Principal of our college. The programme was anchored by Dr. Roshani Bhagat and vote of thanks was proposed by Mr. S. A. Wani, Head of Physics Department. Dr. Ashwin Pachkawade, Assistant Professors in the Department of Physics, and UG Physics students were present for the program.

### 5. Visit to 'Space on Wheel'

The 'Space on Wheel' program, an innovative mobile science exhibition was jointly organized by the Indian space research organisation (ISRO) and VIBHA. The 'Space on Wheel' van arrived at Government Municipal Corporation School, Chandur Railway, early in the morning on January 13, 2024 and was set up in the school grounds. This initiative aimed to bring the wonders of space science and technology directly to students, providing them with a unique educational experience. The exhibition featured interactive displays, models, and multimedia presentations about various aspects of space exploration.



Students of physics department were divided into groups and taken on a guided tour of the exhibition. Following the tour, students participated in interactive sessions where they could ask questions and engage in discussions with space educators. The 'Space on Wheel' visit was a resounding success, fulfilling its objective of inspiring and educating students about space science. Head of Physics Department Mr. S.A. Wani along with Dr. Roshani Bhagat and Dr. Ashwin Pachkawade,

Assistant Professors in the Department of Physics, and UG Physics students were present for the program.

### 6. Guest Lecture on Fibre Optics:

Department of Physics hosted an enlightening guest lecture on Fibre Optics on March 22, 2024, aimed at enhancing students' understanding of this crucial technology. The lecture was

delivered by Dr. Manisha Golchha, Assistant Professor in the Department of Physics at Brijlal Biyani College, Amravati. The event was attended by UG students as well as faculty members from physics department.

The guest, along with other dignitaries, performed the pooja of the portrait of Rajarshee Shahu Maharaj and offered floral tributes. After floral welcome of all the dignitaries on the dais, Mr. S. A. Wani, Head of the Department of Physics, addressed the students on the importance and applications of optical fibre, providing an introductory speech that set the context for the lecture. Mr. Om Gorle introduced the guest speaker, Dr. Manisha Golchha, highlighting her academic background. The College principal, Dr. Parag Wadnerkar, in his welcome speech introduced Dr. Manisha Golchha and emphasized the importance of fibre optics in today's technological landscape. Dr. Manisha Golchha began her lecture with an overview of the history and development of fibre optics technology. She explained the basic principles of light transmission through optical fibres, including concepts such as total internal reflection and the structure of optical fibres. She discussed the wide-ranging applications of fibre optics in telecommunications, medical imaging, internet technology, and data transmission. The students actively participated in the interactive session, demonstrating their interest and curiosity about the topic. The event not only provided valuable insights but also stimulated students' interest in exploring advanced fields of science and technology. The program was anchored by Ms. Saniya Sheikh, and vote of thanks was proposed by Dr. Roshani Bhagat. Dr. Ashwin Pachkawade, Assistant Professors in the Department of Physics, and UG Physics students were present for the program.

## 7. Poster Making Competition on theme 'Astronomical Events'

The Department of Physics at Rajarshee Shahu Science College successfully organized a poster making competition on the theme 'Astronomical Events' on March 23, 2024. The event aimed to spread research through creativity and innovative ideas, encouraging students to explore and present various astronomical phenomena artistically. 17 students from our college with physics subject participated in the competition. The posters showcased a variety of astronomical events such as solar and lunar eclipses, meteor showers, planetary alignments, and comets.



The participants demonstrated a blend of artistic skill and scientific knowledge, making the event both educational and visually appealing. Dr. Manisha Golchha, Assistant Professor in the Department of Physics at Brijlal Biyani College, Amravati, evaluated the posters based on Creativity and Originality, Relevance to the Theme and other parameters ensuring a fair and insightful evaluation.

First prize awarded to Ku. Nikita Lilarvhe (B.Sc. III, CEP), second prize awarded to Ku. Saniya Urooj Sheikh (B.Sc. II, CMP), and third prize awarded to Ku. Sanika Gawande (B.Sc. II, PCM).



All the winners were honoured by presenting them with attractive prizes at the hands of distinguished guests, Dr.SuryakantajiRodage, Associate Professor, Adarsh Mahavidyalaya, and Dr. Parag Wadnerkar, Principal of our college. The programme was anchored by Dr. Roshani Bhagat and vote of thanks was proposed by Mr. S. A. Wani.Dr. Ashwin Pachkawade, Assistant Professors in the Department of Physics, and UG Physics students were present for the program. **8. Guest Lecture and Hands on Activity on topic 'Electrical Components Measurement Techniques and its Uses' on dated 04/04/24**

On Thursday, April 4, 2024, the Department of Physics, in collaboration with the Department of Electronics, organized a guest lecture and hands-on activity on the topic 'Electrical Components Measurement Techniques and its Uses'. The event was held at Atul Jagtap Memorial Hall and began with the ceremonial lighting of the lamp and garlanding the photo of Rajarshee Shahu Maharaj.

President of the Program Dr. P. R. Wadnerkar, Principal of our college, Guest SpeakerDr. Suryakant Rodage, Associate Professor and Head, Department of Electronics, Head of Physics Department Mr. S. A. Wani, Faculty MembersDr. A.P. Pachkawade, Dr. Ms. Roshani N. Bhagat, Ms. Pallawi Deshmukh were present on the dias.

The event commenced with a welcome note and introduction of the guest speaker by Ms. Pranoti Ujjenkar and introductory speech by Mr. S. A. Wani. The chief guest Dr. Suryakant Rodage was honoured with shawl, shrifal and sapling at the hands of Principal, Dr.P. R. Wadnerkar. Dr.Wadener in his presidential address express heartfelt gratitude to the distinguished speaker, organizers, and appeal all student participants to enrich their knowledge as much as possible.

The lecture covered various aspects of electrical components and their measurement techniques and demonstrated various measurement techniques using different tools. The lecture was comprehensive, providing both theoretical knowledge and practical insights, which was well-received by the audience.

Following the lecture, a Q&A session was held, allowing participants to engage directly with the guest speaker. The students actively participated in the interactive session, demonstrating their interest and curiosity about the topic. The event not only provided valuable insights but also stimulated students' interest in the electronic world.

At this occasion, Ms. Gopika Unate, a student of B.Sc. I, was felicitated for her outstanding performance in Physics in the B.Sc. I, Semester I examination. She was awarded with cash prize Rs. 500/- at the hands of Hon.bleRodage Sir and Dr. P. R. Wadnerkar Sir.

The programme was anchored by Ms. Ruchika Kubade and the workshop concluded with a vote of thanks delivered by Ms. Maitri Gawande, expressing gratitude to all dignitaries, participants, and organizers for their contributions to the event's success.



# Physics

**Mr. S.A. Wani**

Head Department of Physics  
Rajarshee Shahu Science College Chandur Rly



## DEPARTMENT OF BOTANY

The Department of Botany places its heartfelt thanks to honourable management for providing us encouragement all the way to full fill the cause of education. I also wish to express my gratitude to the Honourable Principal, for his minute-to-minute guidance with his new and innovative ideas to enrich the teaching in subjects. As per the aim of the department and annual planning department was always ready to fulfil the need and academic enrichment of students. Accordingly this year also the department of botany organised various programs for the students as follows.

### Inauguration of Botanical Society;

Formal inaugural Ceremony of the Botanical Society and 'Botanica' Display Board was held on 29th Aug 2023 at the Botany department. The Program was inaugurated at the hands of Incharge Principal of the College Dr M.P.Chikhale. At this moment an introductory speech was delivered by the head of the department of Botany. She announced the office barrier of students formed under the Botanical Society and appealed to the students for their active involvement and cooperation for the activities to be carried out during the session.

### Eco Friendly Rakhi Competition:

On the 29th August 2023 Occasion the Rakhi-Purnima Department of Botany organised the Eco Friendly Rakhi Competition for the students of the B.Sc-I,II,III. The main objective behind the competition is to create awareness about conservation of Nature, for this the competition students make the eco-friendly Rakhi from natural material such as flowers, seeds, threads, grains, and fruits, Paper. All about 24 students from B.Sc-II year participated in the competition. Competition was inaugurated by the In-charge Principal Dr.MaheshChikhale, and all the Head of respective departments as well as teaching faculty present at this moment.



### World Ozone Day

On Occasion of World Ozone Day 16th September 2023, the Department of Botany organised the Group discussion between the students of B.Sc-III and B.Sc-II on the topic "Role of Botanist for the Conservation of Nature". Students enthusiastically participate in the Discussion. The main aim of the Group discussion is to provide the platform to the

students to put their views regarding conservation of the environment. Healthy discussion happened between the two parties in which they put their opinion about the various strategies about the conservation of environment, what are the factors responsible for the pollution and how living beings can reduce the pollution by following the small steps.

Program was organised by the Head department of Botany Dr.Minal.J.Keche and Dr PravinSardar Assistant Professor Department of Botany.

### World wetland day:

World Wetland Day celebrated on 2nd Feb 2024 provides us with an opportunity to celebrate the vital connection between wetlands and human well-being. The theme for world Wetlands day 2024 is 'Wetlands and human wellbeing'. Considering these issues, the department of Botany organised the Rangoli Competition and article writing competition on the said theme. Students from B.Sc-I, II and III year participated in the competition. The events aim to underscore the crucial relationship between wetland and overall welfare of humanity.



The Competition was inaugurated by the Hands of the Hon Principal Dr. P. R. Wadnerkar. Competition was judged by the Dr. S. S. Padhen Assistant Professor Department of Chemistry and Dr. R. N. Bhagat Assistant Professor Department of Physics. Students from B.Sc-I Miss Sheetal Sahkarwde and Miss Smita Chaudhari won 1st and 2nd prize, Students from B.Sc-III Miss Mayuri Fharkhade and Miss Gauri Sandhekar won 1st and 2nd Prize.

### Institutional Visit

As a part of curriculum, the department of Botany On dated 30/3/2024 organised a one day Institutional visit to Shri Shivaji Agri Biotech College Amravati. Shri Shivaji Agri Biotech College is the extreme institution known for its highly equipped laboratories and Agriculture research lab such as Plant Pathology, Plant Tissue Culture, and Mushroom Culture. Aim to get the knowledge regarding the advance in life science one day institutional visit is organised for the students of B.Sc-III. Honourable Principal Ms. Deepali Bharsakale madam welcomes all



the students and Dr. Ankit Kale gave all the information about the institution whereas all the heads of respective departments guide the students about various equipment available in Labourites and ongoing projects. All 12 students visit the institution. The tour was set off by Honourable Principal Dr. P. R. Wadnerkar and organised by Head Department of Botany Dr.Minal.J.Keche.



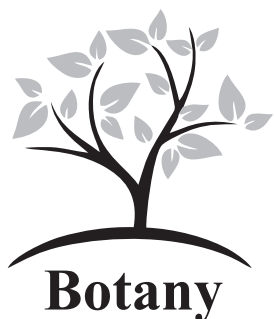
### Guest Lecture:

On the 10th of April the Department of Botany Organised the Guest lecture for B.Sc-III on the “Flori-Culture and its Prospects”. Nowadays the self-employment and becoming an entrepreneur is in trend. But the lack of sufficient knowledge of the subject and techniques is the big hurdle to approach towards this course. So to guide the students towards this emerging trend of Flori-Culture, a Guest lecture organised by the Department of Botany. Flori-Culture is an innovative and job oriented technique. In order to give the proper knowledge about the course and its Prospect Guest lecture was delivered by the Dr Suchita Khodke Associate professor and Head Department of Botany Vinayak Vidnyan Mahavidyalaya Nandgaon Khandeshwar.



In her lecture she emphasised how we can start our own employment on a small scale by applying the simple techniques of Flori-culture. Students of B.Sc-III are highly benefited by this lecture.

On Dated 13th April Guest lecture was organised on the topic Career Opportunities in Life Science. Guest Speaker Mr. Shivanand Hiwrale delivers the lecture and guides the students for the various fields and prosper in subject Botany.



**Dr. M. J. Keche**

Head Department of Botany

Rajarshee Shahu Science College Chandur Rly



## DEPARTMENT OF CHEMISTRY

### Awareness of New National Education Policy 2020

New National Education Policy 2020 adopted by the University Grant Commission in India. The awareness program was organized at Rajarshee Shahu Science College under by Department of Chemistry. The Chairman of this program college in charge Principal Dr.M.P. Chikhale, IQAC coordinator Dr.M.J.Keche, speaker of this program Mr. M.P.Waghmare, Mr. S.A.Wani and Dr.G.B. Santape also present teaching staffs in this programme. Initially lighting the lamp and the image of Rajarshee Shahu Maharaj was worshipped. Welcome all dignities on the dies by formal welcome. Dr.A.D.Bansod head department of chemistry gave an introduction to the program and the clear purpose behind organizing the program. Mr.M.P. Waghmare gave in-depth information to the students about why and for what the National Education Policy was adopted through PowerPoint. After that, the speaker answered the students' questions and discussed them with us.

At the end of the program. Dr. M.P. Chikhale was given the presidential speech. Dr.



Padhen coordinated the program and expressed vote of the thanks. After this program, the poster competition prepared by the students about the National Education Policy was inaugurated by the Principal Dr. M. P. Chikhle and Dr. A. P. Thakare examined of the poster prepared by the students for the National Education Policy Competition, also selected the three best posters

### Inaugural Function of Chemical Society 2023-24

Chemical Society for the academic year 2023-24 was inaugurated in Late Atul Jagtap Hall of Rajarshee Shahu Science College, Chandur Rly on Wednesday, 07 September 23 by lighting the lamp and garlanding the photos of Rajarshee Shahu Maharaj. For this event we had President of prog. Dr. M.P. Chikhale, Chief Guest Dr. A. B. Naik, Professor & Head, Chemical Technology, Sant Gadge Baba Amravati University, Head of Chemistry Dept. Dr. A.D. Bansod, Chemistry Faculty Member Dr. S. S. Padhen and Dr. A. P. Thakare on the dias. All respected head of department, Faculty Member, supporting staff and students from chemistry streams of B.Sc. I, II and III off the dias.

A warm floral welcome was given to all dignitaries on the dias by the hands of student committee members. Introductory speech given by Dr. A. D. Bansod. Guest Introduction given by Dr. S. S. Padhen, Honouring the chief guest Dr. A. B. Naik by shawl, shrifal and sapling by Principal, Dr. M. P. Chikhale.

Dr. A. B. Naik inaugurated the Chemical Society and gave the inaugural address. Dr. S. S. Padhen announced the new members of Chemical Society. All the selected members of chemical society felicitate by Dr. A. B. Naik. The second technical session handled by Dr. A. B. Naik he deliver lecture

### **Employment opportunities in the field of chemistry**

In Rajshree Shahu Science College, a Board of Studies for Chemistry was established Inauguration ceremony of the Chemistry Study Board in the Chemistry Department was held in Rajshree Shahu Science College. The program was presided over by the principal of the college Dr. M. P. Chikhale, guide and founder Dr. A. B. Naik, Professor and Head of the Department of



Chemical Technology, Sant Gadgebaba Amravati Amravati University Amravati, Dr. A. D. Bansod Associate Professor and Head of Department of Chemistry as well as Dr. S.S. Padhen. A.P. Thakare all department heads and professors class students and female students were present. The program started with photo pooja to the photo of Rajshree Shahu Maharaj after which dignitaries were welcomed. The proposer of the

program was Dr. A. D. Bansod and the program was inaugurated by Dr. A. B. Naik's felicitated college Principal Dr. MP Chikhale felicitated. Dr. S.S. Padhen announced the election of the Subject Executive Members of the Board of Studies for Chemistry. After that, Dr. A. B. Naik gave detailed guidance to the students about employment opportunities in the field of chemistry. Pawan Duryodhan introduced the program and Nikhil Athawale gave a vote of thanks.

### **Awereness of Harbal Holi Workshop**

This year also the Rajarshee Shahu Science College Chandur Rly Department of Chemistry collaboration with Zilha Parishad (Ex. Government) Secondary Schools and Junior College Chandur Railway conducted a unique activity on the occasion of "Rangapanchami" during the Harbal Holi festival. Under the guidance of the teacher, the students prepared natural dyes in a very scientific manner from the fresh "Butemonosperma (Palas) flowers of the season. In the fun of Holi, we also need to take care of our health. For this purpose 'Herbal Holi Awareness Workshop' was organized on





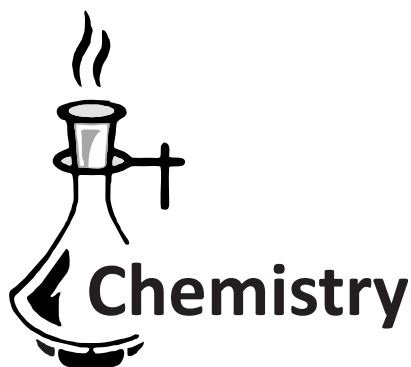
22/3/2024 in association with the Department of Chemistry, Rajarshi Shahu Science College, Chandur Railway and Zilha Parishad (Ex. Government) Secondary Schools and Junior College Chandur Railway A large number of school and college students have attended this program and student representatives have made the students aware of the importance of Harbal Holi in the Harbal Holi awareness workshop.



Department Head of the Chemistry Department Dr. A.D. Bansod, Dr. S.S. Paden, Dr. A.P. Thakare, and also Mr. Amol Ingale with Head Mater Mr Chavhan organized the program successfully.

### Study Tour Mahatma Gandhi Institute for Rural Industrialization, Wardha

As per University curriculum students' "Industrial Visit" was organized by Department of Chemistry at Wardha on 02nd April 2024 During this visit, students got an opportunity to study the working and various training programme of Bio-Processing & Herbal Division, Khadi & Textile Division, Chemical Industries Division, Rural Craft & Engineering Division, Rural Energy & Infrastructure Division manufacturing process taking place at Mahatma Gandhi Institute for Rural Industrialization, Wardha Students are largely benefited by this industrial knowledge.



**Dr. Aashish D. Bansod**

Head Department of Chemistry  
Rajarshee Shahu Science College Chandur Rly



## DEPARTMENT OF ZOOLOGY

**The following activities conducted by the department throughout the academic year 2023-24**

- The Department of Zoology, RajarsheeShahu Science College, Chandur Rly, in collaboration with Indian Science Congress Association Amravati Chapter organized photography exhibition on the occasion of wildlife week- 2023 on 5th October 2023.

- December 1st is observed as World AIDS Day across the world. The day as the name suggests, is to show support for people living with HIV and the ones who have lost their lives because of AIDS. The theme of the World Aids Day - 2023 is 'Let communities lead'. With a special focus Department of Zoology organized signature campaign and guest lecture for students. Mr. Belsare, Councilor, Rural Hospital, Chandur Rly



was the resource person.



- On the occasion of World Sparrow Day 2024 SIGNature and Department of Zoology of RajarsheeShahu Science College Chandur railway Dist. Amravati is jointly organizing Birds of Maharashtra Photo Contest in Collaboration with Indian Science Congress Association Amravati Chapter to raise the awareness about the protection of

biodiversity and beauty of nature.

- On 2nd March 2024, awareness programme on related issues regarding diversity of flora and fauna of that region was organized for School students by Department of Zoology. B.Sc. I years students participated to conducted awareness program at Zilla Parishad School Karala, Tq. Chandur Railway, Dist. Amravati.

- A guest lecture on the topic 'Molecular Biology' was organized on 6th April 2024 in Zoology Laboratory Mr. J.G. Suryvanshi, Assistant Professor



, Zoology Department, Adarsh Mah., Dhamangao Rly was the resource person. The resource person gave deliver informatics talk and nice lecture. He gave the introduction of the subject with importance of Molecular Biology. The session was made interactive by thought provoking

questions posed by Mr. J.G. Suryvanshi. The lecture has proven to be very inspiring and informative for the students.

- On 12th April 2024, the Department of Zoology organized a guest lecture on “Importance of Wetland and Birds Conservation”. The guest speaker was Dr. Gajanan Wagh, Professor, Zoology Department, Shri Shivaji Science College, Amravati. The event started with a welcome address. The guest lecture was preceded by a short talk by the Principal Dr. P. R. Wadnerkar. In his talk he emphasized the importance of basic science & research for the developments of biodiversity with specific examples. The resource person gave deliver informatics talk and nice lecture. He gave the introduction of the subject, its significance. The event ended with honorarium to the guests and vote of thanks.



- Dr. Mahesh Chikhale and Dr. Gajanan Santapework as resource person in the national conference on “Recent advances in Life Sciences” held on 21st March 2024 at Bhagwan Mahavidyalaya, Ashti, Dist. Beed- M.S.



Awareness Program on AIDS



**Dr. Mahesh P. Chikhale**

Head Department of Zoology  
Rajarshree Shahu Science College Chandur Rly





## DEPARTMENT OF MATHEMATICS

### • Seed Balls Making Activity

Department of Mathematics and SIGNature was conducted 'Seed Balls Making' activity for students as an initiative towards greening the environment on 7th August 2023. Near about 58 students from all streams participated in this activity. Students made 150 Seed Balls of different vegetable seeds such as Neem, bitter gourd, pumpkin,



muskmelon etc. The Seed Balls were made by mixing soil, compost and vegetable seeds. The students were instructed by the concerned teachers about the procedure of making the Seed Balls. After making the seed balls, they were kept to dry for 24 hours. On 9th August, the Seed Balls were distributed to all the students as well as the teaching and non-teaching staff members of the College and other sister institutions. All were requested to plant the Seed Balls in their garden or convenient

and favourable areas as a contribution towards a green and healthy environment. The activity was successfully carried out and was appreciated by all present.

### • Inauguration of Ramanujan Mathematical Society

The inaugural ceremony program of Ramanujan Mathematical Society was held on 01 Sept. 2023 at 2.30 pm in F11 Classroom. The Chairperson for the program was Dr. M.P.Chikhale, Principal, Rajarshee Shahu Science College, Chandur Railway. The Inaugurator & Chief Guest for the program was Mr. Pradip S. Talokar, Headmaster Atul Jagtap Madhyamik School, Chandur Railway. The Chief guest gave valuable



guidance to the students regarding the subject Mathematics & also focused on the duties of the Mathematical Society. The chairperson expressed the valuable remark on this program. The floral welcome of the mathematical society members were organized with the hands of dignitaries present on the dias. The introductory speech was given by Dr.R.V.Kene, Head, Department of Mathematics The program was anchored by

Miss M.S.Palaspagar, Assistant Professor, Department of Mathematics.



### • Quiz Competition on Mathematics

Ramanujan Mathematical Society of Department of Mathematics organized Math Quiz Competition for B.Sc. students on 1st September, 2023.. Students participated with a lot of enthusiasm showcasing their potential. The first prize was bagged by Line Group . Participated students in line group were Payal Wanjari, Pranoti Ujjainkar, Janvi Ghatol. Sakshi Pandit, Pratiksha Patne and Shantanu Raut of Rectangle Group bagged the second position and the Circle Group including Maheshwari Farkade, Vaishnavi Kadu and Rutika Chimankar got third prize. The HOD, Dr.R.V.Kene addressed and encouraged the participants with her inspiring words. Ms.M.S.Palaspagar, Assistant professor, Department of Mathematics guided and motivated the students. The event helped the students in identifying their capabilities and motivated them to learn and expand their knowledge. Lastly Head Dr. R.V.Kene and Guest felicitated the winning teams with prizes.



### • Environmental Awareness through Ecofriendly Ganesh Festival



Eco-friendly Ganesh Festival was celebrated in the College campus in collaboration with SIGNature . During Ganesh Festival various competitions was organized. Ganesh idol shop was installed in the College and out of campus for the awareness of celebration of eco friendly Ganesh festival. Total 25 Clay Ganesh idols sold by the students on no loss no profit basis.

### Competition on Ganesh Art with Mathematics

Department of Mathematics organized a Competition on Ganesh art on 3rd October 2023 in college corridor. Near about 13 participants participated in this competition. The judge for this competition was Prof. Seema.Jagtap, Assistant Profesor, Mahila Mahavidyalaya, Chandur Rly.Following are the winners of this competition-

1<sup>st</sup> Winner:- Ku- Pratiksha Patane-B.Sc.-I – PCM

2<sup>nd</sup> Winner:- Ku-Pranoti Ujjainkar- B.Sc.-II- CMP

3<sup>rd</sup> Winner:- Mr. Krunal Dhawane-B.Sc.-I- CMP

### • Group Discussion

On 6th October 2023, Group Discussion was conducted on the topic “Social Media: Impact on Human Behavior and Society”. At the beginning of the session everybody seemed hesitant in expressing their opinion but soon the discussion picked up the pace and the purpose of the discussion, which was to encourage students to speak up and boost their confidence, was fulfilled. The discussion was between three groups, First group chose to highlight the positive impact of social media, Second group comprised of students who perceived negative impact of

social media and the third group was the neutral group that apprised about both the benefits and challenges of social media. Fifteen students from B.Sc.-II were participated in this program.

#### • **Free Health Check-Up Camp**

On the occasion of death anniversary of our founder president late prof. Annasaheb alias Walmikrao Jagtap, Department of Mathematics in collaboration with NSS organized Free Health Check up camp on 15th January 2024 at 11 am in. A team of doctors from rural hospital, chandur rly were invited in this camp and they offered their voluntary services whole heartedly. Free physical examination along with blood sugar, blood pressure, sickle cell, HB tests etc. were provided by the hospital. Camp was inaugurated by the hands of president of Atul Vidya Mandir Prof. Mrs. Uttaratai Jagtap. From the beginning there was a long line of students to check-up their health free of cost. Approximate 150 faculty members, staff and students from all institutes under Atul vidya Mandir came for the health check up.



#### • **University Level Online Quiz on Pi Day-2024**

Pi Day is an annual celebration of the mathematical constant  $\pi$  (pi). Pi Day is observed on March 14. It was founded in 1988 by Larry Shaw, an employee of the San Francisco, California science museum, the Exploratorium. This online quiz was organized by the Department of Mathematics to encourage the students and widen their knowledge. We organized this E-Quiz through Google form. A total of 231 participants from different colleges participated in this E-Quiz. This Quiz helped students identify what they know and what they don't know. The



students then have a better idea of how well they are grasping the material, hopefully motivating them to study more and helping them allocate their study time effectively by focusing on the information that still needs more practice. The participation in online Quiz showed that the students really like these platforms in which they can take part hassle free.

#### • **Guest Lecture on “Applications of Mathematics”**

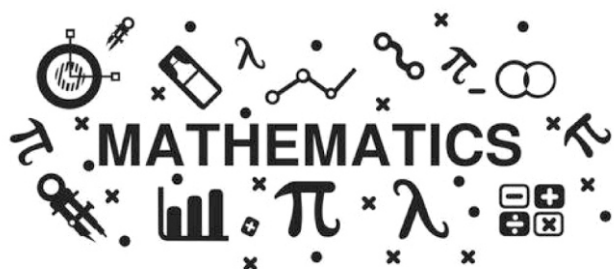
A lecture on Application of Mathematics was organized on 19th March 2024 in the Department of Mathematics. The guest Dr. Preeti Deshmukh delivered important information to the students on the topic “Applications of Mathematics”. The President of the program, Dr. P.R. Wadnerkar, expressed his opinion on why students find mathematics difficult. Introduction of the program was given by Dr R.V Kene, . Anchoring was done by Ms.Shreya Jaiswal, a student of B.Sc.-2nd and Diksha Gondane proposed a vote of thanks.

### • Inter Collegiate Seminar Competition on the Occasion of Pi Day-2024

On the occasion of International Pi Day-2024, Department of Mathematics was organized inter collegiate seminar competition on 19th March 2024 at 1.30 pm in Late Atul Jagtap Hall. Dr.P.B.Deshmukh was the judge for this competition and gave their valuable suggestion



regarding students' presentations. Total twenty (20) students from various colleges under SGBAU participated in this competition. Students prepared nice power point presentation on given topics. On the basis of results submitted by the jury, the top three students selected as winners. The First/Second/Third winners got prizes with certificates. Ku.Pallavi Hatwar, Aadarsh College, Dhamangaon Rly got 1st prize, Ku. Vaishnavi Bhosale, Vinayak Vidnyan Mahavidyalay, Nandgaon Khandeshwar got 2nd prize and Mr. Pranay Duryodhan, Rajarshee Shahu Science College, Chandur Rly got third prize. All the winners of the competition were felicitated by Principal Dr. P.R.Wadnerkar and guest Dr. P.B.Deshmukh. Participation certificate was given to each participant. At last some participants gave feedback about the successful organization of this event



**Dr. R.V. Kene**

Head, Department of Mathematics  
Rajarshee Shahu Science College Chandur Rly





## DEPARTMENT OF ELECTRONICS

The vision of Electronics department is to provide knowledge in fundamental aspects of all branches of a Electronics. To develop skills in the proper handling of apparatus and component and to develop a skill how to apply Electronics in their day to day life. To create professionally competent students, researchers and entrepreneurs in the field of Electronics for the benefit of society. To impart quality education as per the industry need. To motivate students to undertake research on next generation technologies. To create an environment that shall foster growth of professionals capable of effectively using the scientific and technical knowledge for the betterment of mankind.



### **Inauguration of Sir V. Rajaraman Electronics Society 2023-24 And Guest Lecture on Coding skill and placement:**

The Department Electronics was organized a Inauguration Program of Sir V. Rajaraman Electronics Society 2023-24 and guest lecture on coding skill and placement on third October 2023 at 1:00 P.M. at Late Atul Jagtap Memorial Hall, Rajarshee Shahu Science College Chandur Rly.. The chair persons for the sessions were Dr. M.P. Chikhle Sir , Principal Of Rajarshee Shahu Science College

Chandur Rly.. The program was inaugurated by chief guest Mr. Shripad Mohod Sir Director of Edtech Solution Amravati, IQAC Coodinator Dr.M. J. Keche and Convener Miss.P. R. Deshmukh. UG students from the Department of Computer science and Electronics actively participated in the program.

Students from B.Sc III, B.Sc II and B.Sc I were appointed at the different post of society. Miss. Shruti Behere and Mr. Ankush Hinge from B.Sc III year was appointed as president and vice-president, Secretary Mr. Shivam Bende, Treasurer Miss. Samiksha Nistane while Miss. Gopika Yunate, Miss. Samiksha Kubade, Miss. Vedanti Bakale, Miss. Prachi Sonowane were appointed as a member The Head of Electronics Department, Miss P. R. Deshmukh mentioned all the activities of Electronics department in the last year and informed students to plan out activities of upcoming days in her speech also announced the name of the newly elected students and congratulate them.

The Speacker gives information about coding skill and placement. He also gives information about PRAVI, Data Science Lab. Which include coding skill and placement. This is an certified course for c, c++,PASCAL,PYTHON etc. He said that practice makes expert in coding skill





## Group Discussion

Group discussion for the students of B, Sc I, II, and III was conducted on 25/02/2024 on topic placement opportunities in industries. Student from the classes actively participated in these activity.

## Peer Teaching

To increase confidence and to develop enhance communication and social skill among student Department of Electronics was organized peer teaching from 15/03/24 to 20/03/24. Students participated in eer teaching actively.

## Seminar

Seminar is an inherent part of our college culture. Such an activity was conducted repeatedly for the benefits of students. Department of Electronics was organized a seminar on topic “Micro processor 8085 ,Micro processor 80886 and Micro controller 8051”.



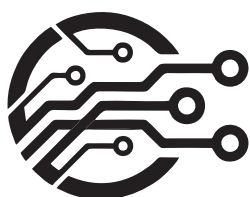
## Attending LED Lamp Making Workshop

Sant Gadge Baba Amravati University, Amravati was organized “One Day LED Lamp Making Workshop” On 5th March, 2024 at department of Applied Electronics on 11:00am.

The department of Applied Electronics invited to the students of Rajarshee Shahu Science College, Chandur Rly. There are 18 students of B. Sc. I, II, III are participated in this workshop along with Prof. Ms. P. R Deshmukh mam.

## Workshop and hands on training on “Electrical Component Measurement and its uses”

Department of Electronics was conducted workshop and hande on training on” ElectricalComponent Measurement and its uses” on 4 th April 2024. Resource person will be Dr. S. A . Rodge, Aadarsh Mahavidyalaya Dhamangaon Rly. There are 110 students are participated in these workshop.



# Electronics

**Ms. P. R Deshmukh**

Head, Department of Electronics  
Rajarshee Shahu Science College Chandur Rly



## DEPARTMENT OF COMPUTER SCIENCE

The vision is to provide qualified and motivated graduates through a rigorous curriculum of theory and application that develops the ability to solve problems individually and in teams.

To inculcate the students in multidisciplinary approach, professional attitude, ethic, Communication and teamwork skills and ability to relate computer science

To empower the graduates to be technologically adept, innovative, self-motivated and responsible citizens, possessing human values and contribute significantly towards being a center of excellence in providing globally standard education, through a conducive Teaching .

### **Inauguration of Sir V. Rajaraman Computer Science Society 2023-24 And Guest Lecture on Coding skill and placement:**

The Department Computer Science was organized a Inauguration Program of Sir V. Rajaraman Computer Science Society 2023-24 and guest lecture on coding skill and placement on 3<sup>rd</sup> October 2023 at 1:00 P.M. at Late Atul Jagtap Memorial Hall, Rajarshee Shahu Science College Chandur Rly. The chair persons for the sessions were Dr. M.P.



Chikhle Sir , Principal Of Rajarshee Shahu Science College Chandur Rly. The program was inaugurated by chief guest Mr. Shripad Mohod Sir Director of Edtech Solution Amravati, IQAC Coordinator Dr. M. J. Keche and Convener Miss. B. G. Belsare. UG students from the Department of Computer science and Electronics actively participated in the program. Students from B.Sc III, B.Sc II and B.Sc I were appointed at the different post of society. Miss. Rutuja Mahalle and Mr. Sumit Shende from B.Sc III year was appointed as president and vice-president, Secretary Miss. Shreya Kadu Treasurer Miss. Ruchita Kubade while Miss. Aakanksha Thakur, Miss. Saniya Sheikh, Mr. Kartik Kumre, Mr. Ritesh Kene were appointed as a member. The Head of Computer Science Department, Miss. B. G. Belsare mentioned all the activities of Computer Science department in the last year and informed students to plan out activities of upcoming days in her speech also announced the name of the newly elected students and congratulate them. The Speaker gives information about coding skill and placement. He also gives information about PRAVI, Data Science Lab. Which include coding skill and placement. This is an certified course for c, c++, PASCAL, PYTHON etc. He said that practice makes expert in coding skill

### **Group discussion**

Group discussion topics for students often revolve around current social issues, trends and popular topics.

1. The impact of technology on society
2. The future of Artificial Intelligence and Machine Learning

On the above topics Students of BSc I, BSc II and BSc III are actively participating in group discussion on 13 Mar 2024.

### Peer Teaching

Peer tutoring is a very successful and effective practice methodology to help students increase their academic and social skills. Peer-tutoring programs are important in today's classrooms. They have proven to be objective, empirical, and replicable; in addition, they have been substantiated by valid and reliable data, across research designs and undergoing rigorous data analysis.



Peer teaching was organized on topics C++, SQL, Advanced Java from 25/02/2024 to 29/02/2024 all the students of B.Sc I, II, & III are actively participated in this activity.

### Seminar

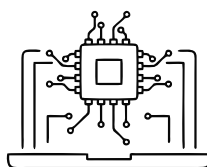
Seminar is an inherent part of our college culture. Such an activity was conducted repeatedly for the benefits of students. Department of Computer Science was organized a seminar on topic of their syllabus. And also the students can participate in intracollegiate Seminar Competition. The student of B.Sc II yr miss. Saniya urooj participated in intracollegiate State level Seminar Competition at Aadarsh Mahavidyalaya, Dhamangao Rly on 16 February 2024.

### Organizing MCQ Test

The Organization of MCQ test in Rajarshee Shahu Science College, Chandur Rly for the students of Computer Science organized by Mr. Sumit Gole and Mr. Bhushan Thaware (New Age Technology), on 09/09/2023.

These MCQ test organized in Late Atul Jagtap Memorial Hall, Chandur Rly. Up to 90 Students of Computer Science department actively participated in this test. There are 30 questions in MCQ test. The time given to these test was one hr . Test will be conducted on 3:00 pm.

And the prize will distributed to the toppers students on 4/10/2023. The first prize goes to Shivam Thakre of B.Sc III. Second prize goes to Pritesh Bagde of B.Sc I. Third Prize goes to Rutwik Khawse of B.Sc I and fourth prize goes to Saniya Sheikh of B.Sc I.



**Computer Science**

**Miss. B. G. Belsare**

Head, Department of Computer Science  
Rajarshee Shahu Science College Chandur Rly



## DEPARTMENT OF PHYSICAL EDUCATION

**Representation at S.G.B.Amravati University Team: 8 Players Represented in Hockey West Zone Hockey Champion ship held at Gwalior and Udaipur resp.**

**Participation in Intercollegiate Tournament:** Total 8 teams & 118 players of our college participated in inter collegiate Tournaments.

**Participation in Youth Festival:** This year 10 students participated in Spot Photography, Mimicry, Debate, Quiz, and Fine Arts.

**Hockey Team Runner UP:** This year Hockey team (men) reaches the final of the Intercollegiate Hockey tournament organized by SantGadge Baba Amravati University and Degree college of Physical Education Amravati.

### Our Organizations

1. Successful organization of Intercollegiate Hockey (Women) organized by our college with Sant Gadge Baba Amravati University

**Coaching Camp:** A ten 10 day Hockey coaching camp was conducted by me on behalf of SGBAU Amravati university , and coaching camps on behalf of S.G.B.Amravati University.

**Coach:** This year university appointed as the coach of Hockey (men) team which was held at Bhopal.



**Mr. A. N. Khan**  
Director of Physical Education  
Rajarshee Shahu Science College Chandur Rly





## DEPARTMENT OF LIBRARY

College library is well stacked with text, reference, Competitive and other books to cater the needs of college students, faculty and other users. Number of periodicals, science research journals, and daily news papers are subscribed in the library. Considering the requirement of students preparing for the competitive examinations, some books useful for such examinations are also added. Moreover, there is good collection of educational CDs and DVDs. The library functions on an open access system and remain open from the morning till evening on all the working days. We provide library services even on holidays as when required. Library is automated using LMS library software. Federated search facility made available for students and staff. Library has subscribed 'N-LIST Consortia' and institutional registration with NDL India which enables the users to meet with e-resources at any time. NDLI Club has been registered on dated 03rd January 2022. NDLI Club is an enabler of career progression for students, job seekers, researchers and learners. Book Bank Scheme is also the attraction of this library, providing books to the economically poor students of the college during academic session. 'Best Library User Award' for the college students. College has signed MoU with the College Library Knowledge Resource Center (Library) of Indira Gnadhi Kala Mahavidyalaya, Ralegaon Dist. Yavatmal.



### Library Activities

• **Inauguration of QR Codes Facility:** The College Library has inaugurated the 'QR Code facility' with the hands of Principal, Dr. M. P. Chikhale on the eve of Birthday of Dr. V. W.



Jagtap, Honorable Secretary, Atul Vidya Mandir. Wardha on dated 11th August 2023 at Library, Rajarshee Shahu Science College Chandur Rly. Dr. M. P. Chikhale presided over the programme, Librarian, Mr. M. P. Waghmare, Convenor of the event, Mr. Saijad Khan, News Reporter, The staff and students of the College were present to the event.

• **User Orientation Programme on the eve of National**

### Librarian Day:

As usual, 'User Orientation' was done for the new incoming students of the college. This year the College has organized User Orientation Programme on the eve of National Librarian Day on dated 12th August 2023 at Library, Rajarshee Shahu Science College Chandur Rly. Dr. M. P. Chikhale presided over the programme, Librarian, Mr. M. P. Waghmare, Convenor of the event, the staff and students of the College were present to the event. Mr. M. P. Waghmare,

Librarian aware to the student about library rules and facilities by visit of the Library for aware of functioning of the library.

• **Quiz on Wachan Prerana Din:** October 15, the birth anniversary of Dr APJ Abdul Kalam is celebrated as 'Wachan Prerana Din'. As the part of birthday celebration of our former President of India late Dr. A. P. J. Abdul Kalam, to promote reading habits, this year 'Wachan Prerana Din' was observed by conducted the quiz on 15th October 2023 at online mode. Dr M. P. Chikhale presided over the programme. The staff & students were participated to the Quiz.

• **Seminar on NDLI and NDLI Club:** Knowledge Resource Center of Indira Gandhi Kala Mahavidyalaya, Ralegoan in collaboration with Library, Rajarshee Shahu Science College, Chandur Railway was organized 'Seminar on NDLI & NDLI Club on dated 04th April 2024 at IGKM, Ralegaon. Mr. M. P. Waghmare, Librarian, Rajarshee Shahu Science College, Chandur Railway delivered his talk in details, how to search the contents, registration process, and importance of NDLI and NDLI Club. Dr. A.Y. Shaikh presided over the seminar. The students and staff of the College were participated in the programme.

• **Seminar on Reference Management Tools- Zotero:** Knowledge Resource Center of Indira Gandhi Kala Mahavidyalaya, Ralegoan in collaboration with Library, Rajarshee Shahu Science College, Chandur Railway was organized 'Seminar on Reference Management Tools- Zotero' on dated 04-04-2024. Mr. M. P. Waghmare, Librarian, Rajarshee Shahu Science College, Chandur Railway delivered his talk in details, how to use Zotero and importance of Zotero. Dr. A.Y. Shaikh presided over the seminar. The students and staff of the College were participated in the programme.



### Librarian's Participation

- Research paper 'Future Of Library Services With Exploring E-Resources: Special Reference to NDLI Pg.556-564' published in UPA National Interdisciplinary Peer-Reviewed E-Journal, Vol. No. 14 special issue
- Research paper 'Usefulness of National Digital Library of India in Modern Education System: Study with special reference to engineering Stream Pg. 62-68' published in Sanshodhak (UGC CARE Listed).
- Research paper (Conference Proceeding) 'Role of NDLI Club in College Library Pg. 121-125' published in Recent Advancements in Science and Technology, Sai Jyoti Publication, Nagpur.
- Research paper (Conference Proceeding) 'Recent Trends, Challenges and Opportunities in the 21st Century Libraries Pg. 513-519' in Global Perspectives in Higher Education: Issues Challenges and Remedies, Magnus Publishing & Distributors, Parbhani.

- Book chapter 'NLIST: Boon for College Library Pg. 111-119' published in Education & Library: Past Present & Future, Dr. Rashmi S. Bakane, Atharva Publications, Jalgaon.
- Book chapter 'National Digital Library of India(NDLI): A Multidisciplinary Approach Pg. 67-69' published in A Multidisciplinary Approach to Higher Education, Vol. , Dr. Vikrant R. Wankhade, DnyanPath Publication (INDIA), Amravati.
- Paper presented on 'Role of Librarian as advocate in the Era of the Library services of human right for user' in One Day National Interdisciplinary Conference on Comprehensive Human Rights : Issues & Solutions : National Prospectives organized by Yeswant Mahavidyalaya Seloo, Wardha on dated 16-12-2023.
- Paper presented on 'Usefulness of National Digital Library of India in Modern Education System: Study with special reference to engineering Stream' in Two Days Interdisciplinary National E-Conference on "Contemporary Aspects in Humanities, Social Science and Commerce" organized by Vidya Vikas Arts, Commerce and Science College, Samudrapur on 4-01-2024 online mode.
- Invited Talk delivered on 'भारताला जागतिक स्तरावर ज्ञानाच्या बाबतीत सुपर पॉवर बनविण्यासाठी नवीन राष्ट्रीय शैक्षणिक धोरण - २०२०' छप 'राष्ट्रीय शैक्षणिक धोरण - २०२० जागरूकता सप्ताह' at Mahila Arts and Commerce College, Chandur Railway.
- Invited Talk delivered on 'National Digital Library of Indian & NDLI Club' in Seminar on National Digital Library of Indian & NDLI Club at Indira Gandhi Kala Mahavidyalaya, Ralegaon on dated 04-04-2024.
- Invited Talk delivered on 'Reference Management Tools: Zotero' in Seminar on Reference Management Tools: Zotero' at Indira Gandhi Kala Mahavidyalaya, Ralegaon on dated 04-04-2024.



**Library**

## पुण्य नगरी

### 'नॅशनल डिजिटल लायब्ररी ऑफ इंडिया'वर परिसंवाद

पुण्य नगरी / कलकत्ता प्रतिनिधी

संकेतः - येथील इंदिरा गांधी कला महाविद्यालयात ४ एप्रिल रोजी इंडियन विद्यापीठाच्या वतीने नॅशनल डिजिटल लायब्ररी ऑफ इंडियावर परिसंवादाचे आयोजन करण्यात आले होते.

या कार्यक्रमाच्या अध्यक्षस्थानी प्राचार्य डॉ. एस.बी. आवरकर, प्रमुख अतिथी शशित विभागा प्रमुख डॉ. ए. चव. शेख, समन्वयक अंतर्गत पुणवता सुचारू कक्षाचे प्रा. डॉ. डी. समर्थ यांची उपस्थिती होती. परिसंवाद्याला मार्गदर्शक म्हणून चांदूर रेल्वे येथील राजर्षी शाहू महाराज विद्यान महाविद्यालयाचे प्रिन्सपल



मनोज कामरे यांची उपस्थिती होती. त्यांनी नॅशनल डिजिटल लायब्ररी ऑफ इंडियाच्या स्वरूपनेचा उद्देश, कार्य व विद्यार्थी जीवनामध्ये व नेहरीत

याचे महत्त्व विस्तार केले. यामध्ये भौतन उपलब्ध असलेल्या माहिती स्त्रोतांचा विद्यार्थ्यांनी उपयोग घ्यावा, असे सांगितले. तसेच एनडीएलआयचे सदस्यत्व

व आयोजित कार्यक्रमात सहभागी कसे व्हायचे, याचे प्रात्यक्षिक करून दाखविले. या कार्यक्रमाचे प्रास्ताविक प्रिन्सपल डॉ. वीरेंद्र खरडे यांनी केले. संघालान तबस्यून शेख या.एस. सी. फायनल हिने केले. या कार्यक्रमाला मोठ्या संख्येने विद्यार्थी व शिक्षकांची उपस्थिती होती. कार्यक्रमाच्या यशस्वितेसाठी प्रिन्सपल सादरवाक हेमंत गिरी व अनुप शेळगकर, राजू नगराळे यांनी सहकार्य केले.

**Mr. M. P. Waghmare**

Librarian

Rajarshee Shahu Science College Chandur Rly





## IQAC Report

IQAC of RajarsheeShahu Science College Chandur Rly and VinayakaVidnyan Mahavidyalaya Nandgaon Khandeswar jointly organised One Day Workshop on NEP (National Education Policy) and its Implementation for Higher Education Institution on date 11th Jan 2024. Upcoming National education Policy and its implementation for higher educational institutions is found to be a big challenge for teaching faculty. Workshop was inaugurated by the guest speaker Dr.Anant B. Marathe, Dr.Parag.R.Wadnerkar Principal RSSC and Dr AlkaBhise Principal VVM NandgaonKh. Inaugural Ceremony is followed by the welcome of the guest.



In order to create awareness about the Policy and its proper implementation is the main motive behind the organization of the workshop. Dr.A.B.Marathe Guest Speaker in his talk covered the Role of Institution in Implementation, how to design the curriculum, and what should be the Assessment pattern. Dr Parag.R.Wadnerkar Principal RajarsheeShahu Science College in his talk emphasise on importance of



workshop where as the Dr.AlkaBhise the Principal of the VinayakVidnyanMahavidyalayaNandgaonKh appeal the faculties to take the advantage of the workshop to bring it in force in future. Faculties of both the college were benefited by the workshop. All about 50 participant was benefited by the workshop. Workshop was hosted by the convenorDr.Minal.J.Keche Associate Prof and Head Department of Botany. Vote of thanks was proposed by the IQAC Coordinator Dr.Suchita P. KhodkeAssociate Professor and Head Department of Botany VVM NandgaonKh. IQAC Coordinator Mr.S.A.Wani RSSC Chandur Rly gave the introduction of the

Convenor of the program Dr.AbhijitBansod Sir and NEP convenor Dr. Ashish Bansod was present at the movement.

IQAC always being initiative for the overall development of faculty members in field of teaching and Research. Considering this issues IQAC organize One Day University Level Workshop on the IPR and Research Methodology on dated 1st and 2nd March of 2024. Topic of IPR was Patent and Trademarks. Hon Dr Vijay Kumar Chowbe Former Pro-Vice Chancellor was the Guest Speaker of the Workshop. In order gain knowledge about the various Stauts, Ph.D Rules and Regulation of 2022 about the Ph.DOne Day University Research Methodology workshop was organised for the faculty and research students. Guest Speaker Dr.PrashantGawande, Prof Department of Botany SantGadge Baba Amravati University guide the students on the various Amendment and Status included for Ph.D as per UGC Regulation 2022.



This session was remarked as a period of assessment and accreditation of the Institutions. National accreditation andassessment committee visit the institution on dated 18th and 19th of October 2024. Chairman



Prof. Brinchi Kumar Das Vice Chancellor Bhattadev University Assam, Prof. Hemanta Kumar Shahu Professor MSCB University, Baripada, Orissa and Dr. Mohammed Azar Baig Former Principal, SVCR Govt. Degree College, Palamaner, Chittoor Dist, Andhra Pradesh assessed the institution. They visited each and every session of the institution and also made the meeting with stakeholders. Day was scheduled with the meeting with the Principal, followed with meeting with students, Parents, Alumni, teaching and non-teaching staff, Management meeting and Cultural program. Day two was followed with Exit meeting. Outcome of accreditation is that Institution was graded A with 3.01 (CGPA).



In order to create awareness about the Patents, Copyrights and its types, IQAC of Rajarshee Shahu Science College Chandur Rly and Vinayaka Vidnyan Mahavidyalaya Nandgaon Khandeswar jointly organised One Day University Workshop on IPR date 1st March 2024. Workshop was inaugurated by the guest speaker Dr Vijay Kumar Chowbe, Dr. Parag R. Wadnerkar Principal RSSC and Dr Alka Bhise Principal VVM Nandgaon Kh. Workshop was hosted by the IQAC Coordinator Mr. S. A. Wani Assistant Professor and Head Department of Physics.

IQAC of Rajarshee Shahu Science College Chandur Rly and Vinayaka Vidnyan Mahavidyalaya Nandgaon Khandeswar jointly organised One Day University Workshop on Research Methodology on topic UGC regulation and Status 2022 for Ph.D on 2nd March 2024. Research Methodology is the specific procedure or techniques used to identify, select, process and analyse information about a topic. Workshop was inaugurated by the guest speaker Dr Prasant V. Gawande, Dr. Parag R. Wadnerkar Principal RSSC and Dr Alka Bhise Principal VVM Nandgaon Kh. The Inaugural Ceremony is followed by the welcome of the guests.

In to create awareness about the Rules and Regulation about the Ph.D, a workshop was organised. Dr Parag R. Wadnerkar Principal Rajarshee Shahu Science College in his talk emphasised on the importance of workshop whereas the Dr. Alka Bhise the Principal of the Vinayak Vidnyan Mahavidyalaya Nandgaon Kh appealed the faculties to take the advantage of the workshop to improve the quality of research innovation and incubation. Faculties of both the colleges were benefited by the workshop. All 62 participants benefited from the workshop. Workshop was hosted by IQAC Coordinator Dr. Suchita Khodke Associate Prof and Head Department of Botany and Convenor. Vote of thanks was proposed by Dr. Gajendra Singh Pachlore Assistant Professor VVM Nandgaon Kh. Convenor Dr. Minal J. Keche RSSC Chandur Rly gave the introduction of the Guest Speaker. Convenor of the program Dr. Anant Wadthkar and Dr. Ashish Bansod was present at the movement.



**Mr. S. A. Wani**

NAAC Coordinator  
Rajarshee Shahu Science College  
Chandur Rly

**Dr. M. J. Keche**

Coordinator IQAC  
Rajarshee Shahu Science College  
Chandur Rly



## National Science Day 2024

On Occasion of 28th Feb 2024 National Science Day Rajarshee Shahu Science College Chandur Rly Organised the Poster and Model Competition for the students of the High School, Junior College and U G Students. Theme of this year of Science Day is “Indigenous Technologies for Viksit Bharat”. Based on this topic various sub themes for the poster and model competition were proposed. The main object to celebrate the Science Day is to give the opportunity to the students to show their scientific temper and to encourage the people as well as popularise science and technology .On this Occasion students showcased the scientific model and poster based on themes such as Biodiversity and future sustainability, Environment, Pollution and sustainability, Agriculture Advance and Sustainability, Science and Technology for Sustainable Future Agriculture advance and Sustainability, Food for Sustainable Development, Health Solution for sustainable future. All 63 entries from all categories were registered.

Program was inaugurated by the hands of Hon Principal Dr.P.R.Wadnerkar Principal RajarsheeShahu Science College ChandurRly Mr.PradipTalokarHM AtulJagtap High School Chandur Rly and IQAC Coordinator Mr.S.A.Wani . Inauguration function was followed with the prize distribution. Ms VishakaUke from Class 8th bagged I st Prize whereas AnushriJumedar bagged 2nd Prize for the Poster. ShrutiBehare and DikshaGondhane from B.Sc-III Bagged I st and 2 nd Prize for the Poster. Ms.Jeevati J. Meshram and Mr Lucky RYawale from junior college bagged 1st and 2nd Prize for the poster. In Model competition Ms.MohikaKalmegh from class 6th gained I st Prize and Mr.RaghavP.Talokar gained 1 st Prize. All the participants had given the certificate of Participation.

Principal Dr. P. R Wadnerkar in his presidential speech congratulates all the winners and encourages them to take part in innovations and inventions. Dr. S.S. PadhenAssistant Professor Department of Chemistry and Miss KomalChaudhari were the Judges for the Competition. The Introductory Speech was given by the Dr.A.P.Pachkawade Assistant Professor Department of Physics and Vote of Thanks was proposed by Ms Bhygashree Belsare Head Department of Computer Science.

**Dr. M. J. Keche**  
Convenor

**Dr. A. P. Pachkawade**  
Convenor

**Ms.Bhagyashree Belsare**  
Co-Convenor

**Mrs. P. V. Hande**  
Co-Convenor

**Mr.S.A.Wani**  
IQAC Coordinator

**Dr.P.R.Wadnerkar**  
Principal



# राष्ट्रीय सेवा योजना

**ग्रामीण रुग्णालय चांदुर रेल्वे येथे फळ वाटप**

दिनांक १६ जुलै २०२३ रोजी राजर्षी शाहू सायन्स कॉलेज मधील राष्ट्रीय सेवा योजनेअंतर्गत स्वर्गीय अण्णासाहेब जगताप यांच्या वाढदिवसानिमित्त स्थानिक ग्रामीण रुग्णालय येथील रुग्णांना फळ वाटप करण्यात आले. या कार्यक्रमाचा हेतू रुग्णालयातील रुग्णांच्या हिताचे महत्त्व लक्षात घेऊन पार पाडण्यात आले. राष्ट्रीय सेवा योजनेची कार्यक्रमाधिकारी डॉ. अश्विन पाचकवडे यांनी कार्यक्रमाचे महत्त्व, रुग्णांची सेवा करण्याचा एक आदर्श तसेच समाजातील विविध समाजकार्याची माहिती समजावून सांगितली. कार्यक्रमाच्या वेळेस रुग्णालयातील डॉक्टर आणि सर्व कर्मचारी कार्यक्रमाला उपस्थित होते. कार्यक्रमाच्या वेळेस ग्रामीण रुग्णालयात महाविद्यालयातील सर्व प्राध्यापक तसेच राष्ट्रीय सेवा योजनेचे स्वयंसेवक उपस्थित होते.



राष्ट्रीय सेवा योजनेअंतर्गत कायदेविषयक जनजागृती शिबिर

स्थानिक राजर्षी शाहू सायन्स कॉलेज मधील राष्ट्रीय सेवा योजनेअंतर्गत कायदेविषयक जनजागृती शिबिराचे आयोजन करण्यात आले होते. महाराष्ट्र राज्य विधी सेवा प्राधिकरण, उच्च न्यायालय, मुंबई यांच्या निर्देशानुसार अँटी रँगिंग लॉ आणि रोड ट्रॅफिक रूल्स या विषयावर कायदेविषयक जनजागृती शिबिर घेण्यात आले.

सदर कार्यक्रमांला अध्यक्ष म्हणून महाविद्यालयाचे प्राचार्य डॉ. एम. पी. चिखले, प्रमुख पाहुणे म्हणून श्रीमती के. व्ही. मंगरूळकर, सह दिवांनी न्यायाधीश, चांदर रेल्वे तसेच एडवोकेट एल. एम. कदम आणि सकाळ पेपर चे पत्रकार श्री



विवेक राऊत हे उपस्थित होते. कार्यक्रमाचे आयोजन महाविद्यालयातील राष्ट्रीय सेवा योजनेचे कार्यक्रम अधिकारी प्रा. डॉ. ए.पी. पाचकवडे यांनी केले. कार्यक्रमात महाविद्यालयातील विद्यार्थ्यांना तसेच शिक्षक व शिक्षकेतर कर्मचारी यांना या विषयावर सहदिवाणी न्यायाधीश श्रीमती के. व्ही. मंगरूळकर, एडवोकेट एल. एम. कदम, आणि सकाळ पेपर चे पत्रकार श्री विवेक राऊत यांनी मोलाचे मार्गदर्शन केले. महाविद्यालयाचे प्राचार्य डॉ. एम.पी. चिखले यांनी कार्यक्रमाचे अध्यक्षीय भाषण दिले. या कार्यक्रमाचे प्रास्ताविक राष्ट्रीय सेवा योजनेचे कार्यक्रम अधिकारी प्राध्यापक डॉ.ए.पी. पाचकवडे यांनी केले. या कार्यक्रमांतर्गत श्री योगेश नेवारे ,ट्रॅफिक पोलीस यांनी उपस्थित सर्व विद्यार्थ्यांना रोड ट्रॅफिक रूल या विषयावर मोलाचे मार्गदर्शन केले जेणेकरून उपस्थित सर्व विद्यार्थ्यांना ट्रॅफिक रूल या विषयाची सर्व माहिती प्राप्त झाली. कार्यक्रमाचे आभार प्रदर्शन बीएससी भाग ३ चा विद्यार्थी प्रणय दुर्योधन यांनी केले.





### मेरी माती मेरा देश अंतर्गत वृक्षारोपण कार्यक्रम संपन्न

दिनांक १३/०८/२०२३ रोजी मेरी माती मेरा देश अंतर्गत राजर्षी शाहू सायन्स कॉलेज मधील राष्ट्रीय सेवा योजनेद्वारे दत्त कामजापूर येथे वृक्षारोपण कार्यक्रम घेण्यात आला. गावातील विविध ठिकाणी राष्ट्रीय सेवा योजनेच्या स्वयंसेवकांच्या तसेच उपस्थित गावकरी यांच्या मदतीने गावाचा विकासाच्या दृष्टिकोनातून सर्व परिसरात वृक्षारोपण करण्यात आले. कार्यक्रमाच्या वेळेस ग्रामपंचायत मधील सर्व सदस्य तसेच महाविद्यालयातील सर्व प्राध्यापक उपस्थित होते. वृक्षारोपणाचा कार्यक्रम यशस्वीरित्या करण्याकरिता राष्ट्रीय सेवा योजनेचे कार्यक्रमाधिकारी प्रा.डॉ. अश्विन पाचकवडे आणि महिला कार्यक्रमाधिकारी प्रा. ममता पळसपगार यांनी स्वयंसेवकासोबत अथक परिश्रम घेतले.



### राष्ट्रीय सेवा योजनेद्वारे दत्तकग्राम कळमजापूर येथे मोठ्या स्वरूपात वृक्षारोपण



स्वर्गीय अतुल विद्या मंदिर संस्थेचे सचिव प्राध्यापक डॉ. वीरेंद्र भाऊ जगताप यांच्या वाढदिवसानिमित्त राजर्षी शाहू सायन्स कॉलेज चांदूर रेल्वे येथील राष्ट्रीय सेवा योजना विभागाद्वारे दत्तकग्राम कळमजापूर येथे ग्रामस्वच्छता अभियान कार्यक्रम घेण्यात आला. सदर कार्यक्रमांतर्गत गावाच्या विकासाच्या हेतूने वृक्षारोपण सोहळा पार पाडला. गावात विविध ठिकाणी वृक्षारोपण करण्यात आले. सदर कार्यक्रमाला महाविद्यालयाचे प्राचार्य तसेच सर्व प्राध्यापक रुंद उपस्थित होते. हा कार्यक्रम यशस्वीरित्या पार पाडण्याकरिता राष्ट्रीय सेवा योजनेचे कार्यक्रमाधिकारी प्रा. डॉ. अश्विन पाचकवडे, राष्ट्रीय सेवा योजनेच्या महिला कार्यक्रमाधिकारी प्रा. ममता पळसपगार आणि कार्यक्रमाची यश मोठ्या स्वरूपात प्राप्त करण्यासाठी राष्ट्रीय सेवा योजनेचे स्वयंसेवक यांनी महत्त्वपूर्ण काम पार पाडले.

### मेरी माटी मेरा देश

आज दिनांक १४/०९/२०२३ ला राजर्षी शाहू सायन्स कॉलेज, चांदूर रेल्वे येथील राष्ट्रीय सेवा योजना पथका द्वारा 'मेरी माटी मेरा देश' या कार्यक्रमांतर्गत अमृत कलश कार्यक्रम घेण्यात आला. सदर कार्यक्रमाची संपूर्ण माहिती राष्ट्रीय सेवा योजना स्वयंसेवकांना दिल्याप्रमाणे त्यांनी आपापल्या गावातून एक मूठ माती सोबत घेऊन आले व महाविद्यालयात ठेवलेल्या अमृत कलश मध्ये टाकून कार्यक्रमात सहभाग घेतला. या कार्यक्रमाप्रसंगी महाविद्यालयाचे प्राचार्य डॉ. महेश चिखले व सर्व शिक्षक व शिक्षकेतर कर्मचारी वर्ग उपस्थित होते. याकरिता सर्व राष्ट्रीय सेवा योजना स्वयंसेवकांनी परिश्रम घेतले. या कार्यक्रमाचे आयोजन राष्ट्रीय सेवा योजना कार्यक्रम अधिकारी प्रा. डॉ. आश्विन प्रभाकरराव पाचकवडे व राष्ट्रीय सेवा योजना महिला कार्यक्रमाधिकारी प्रा. ममता पळसपगार यांनी केले.



### राष्ट्रीय सेवा योजना विभागाद्वारे महापरिनिर्वाण दिन संपन्न

स्थानिक राजर्षी शाहू सायन्स कॉलेज मधील राष्ट्रीय सेवा योजना विभागाद्वारे महापरिनिर्वाण दिनानिमित्त डॉ. बाबासाहेब आंबेडकर यांच्या प्रतिमेचे फोटो पूजन आणि हार अर्पण करण्यात आले. कार्यक्रमाला अध्यक्ष म्हणून महाविद्यालयाचे प्राचार्य डॉ. पराग वडनेरकर सर हे उपस्थित होते. महाविद्यालयातील सर्व प्राध्यापक व प्राध्यापिका हे उपस्थित होते.



### राजर्षी शाहू सायन्स कॉलेज चांदुर रेल्वे येथे क्रांतीज्योती सावित्रीबाई फुले जयंती उत्साहात साजरी

स्थानिक राजर्षी शाहू सायन्स कॉलेज चांदुर रेल्वे येथे दिनांक ३ जानेवारी २०२४ ला सावित्रीबाई फुले जयंती साजरी करण्यात आली. सदर कार्यक्रमाचे आयोजन एन.एस.एस. विभागाने केलेले होते. एन. एस. एस. कार्यक्रम अधिकारी प्रा.डॉ. अश्विन पाचकवडे व प्रा. ममता पळसपगार यांनी संपूर्ण कार्यक्रमाचे आयोजन केले. कार्यक्रमाची सुरुवात प्रथम शिक्षिका सावित्रीबाई फुले यांच्या प्रतिमेला हार व पुष्प अर्पण करून करण्यात आली. यावेळी कार्यक्रमाला महाविद्यालयातील प्राध्यापक व इतर कर्मचारी उपस्थित होते.

### राष्ट्रीय सेवा योजना अंतर्गत महाविद्यालयात स्वच्छता अभियान कार्यक्रम

दिनांक २०/१२/२३ रोजी संत गाडगेबाबा यांच्या पुण्यतिथी निमित्त महाविद्यालय स्वच्छता अभियान कार्यक्रम राबविण्यात आला. कार्यक्रमाचे अंतर्गत राष्ट्रीय सेवा योजना स्वयंसेवक यांच्या मदतीने महाविद्यालयाचा परिसर तसेच आजूबाजूचा परिसर करण्यात आला. कार्यक्रमात संत गाडगेबाबा यांच्या फोटोचे पूजन करण्यात आले. गाडगेबाबा यांच्या जीवनातील विविध महत्वपूर्ण गोष्टी समाजाला जागृत करण्यात करण्याच्या हेतूने सर्वासमोर मांडण्यात आल्या. सदर कार्यक्रमाचे आयोजन राष्ट्रीय सेवा योजनेचे कार्यक्रम अधिकारी डॉ. अश्विन पाचकवडे आणि महिला कार्यक्रमाधिकारी प्रा. ममता पळसपगार यांनी केले. सदर कार्यक्रमाला महाविद्यालयाचे प्राचार्य डॉ. वडनेरकर सर, सर्व प्राध्यापक तसेच राष्ट्रीय सेवा योजनेचे स्वयंसेवक उपस्थित होते



### महाविद्यालयात राष्ट्रीय सेवा योजनेअंतर्गत आरोग्य तपासणी शिबिर आयोजित करण्यात आले

दिनांक १३/०१/२०२४ रोजी महाविद्यालयात राष्ट्रीय सेवा योजना व गणित विभाग यांच्या संयुक्त विद्यमाने आरोग्य तपासणी शिबिर घेण्यात आले. सदर शिबिराचे अध्यक्ष अतुल विद्या मंदिर संस्थेच्या अध्यक्ष प्रा. सो उत्तरताई जगताप होत्या. कार्यक्रमाला महाविद्यालयाचे प्राचार्य डॉ. पराग वडनेरकर आणि सर्व प्राध्यापक वृंद उपस्थित होते. कार्यक्रमाला यशस्वीरित्या पार पाडण्यासाठी प्राचार्य डॉ. वडनेरकर सर यांनी मोलाचे सहकार्य दिले. सदर कार्यक्रमांमध्ये राष्ट्रीय सेवा योजना विभागाने लोकांच्या हिताचे लक्षात घेता ग्रामीण रुग्णालयामधील सर्व डॉक्टरची टीम बोलवली होती. सदर तपासणी शिबिरामध्ये महाविद्यालयातील सर्व विद्यार्थ्यांनी तसेच चांदुर

रेल्वे मधील ग्रामस्थांनी मोठ्या संख्येत आरोग्य तपासणी करून घेतली. सदर कार्यक्रम यशस्वीरित्या पूर्ण करण्यासाठी राष्ट्रीय सेवा योजनेचे कार्यक्रम अधिकारी प्रा. डॉ. अश्विन पाचकवडे व महिला कार्यक्रमाधिकारी प्रा. ममता पळसपगार मॅडम व सर्व स्वयंसेवक यांनी आयोजन केले होते.



### डॉ. पंजाबराव देशमुख यांची जयंती साजरी

महाविद्यालयातील राष्ट्रीय सेवा योजना अंतर्गत डॉ. पंजाबराव देशमुख यांची जयंती साजरी करण्यात आली. सदर कार्यक्रमात महाविद्यालयातील



विद्यार्थ्यांना डॉ. पंजाबराव देशमुख यांच्या जीवनातील सगळी माहिती प्रा. ममता पळसपगार मॅडम यांनी दिली. कार्यक्रमात विद्यार्थ्यांनी मोठा सहभाग घेतला होता. कार्यक्रमाचे अंतर्गत महाविद्यालयाचा परिसराची स्वच्छता लक्ष देऊन पार पाडण्यात आली. कार्यक्रमांमध्ये सर्व प्राध्यापक उपस्थित होते. सदर कार्यक्रमाचे आयोजन राष्ट्रीय सेवा योजनेचे कार्यक्रम अधिकारी प्रा. डॉ. अश्विन पाचकवडे यांनी केले.



NSS Coordinator



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## ART, MUSIC AND CULTURAL CELL

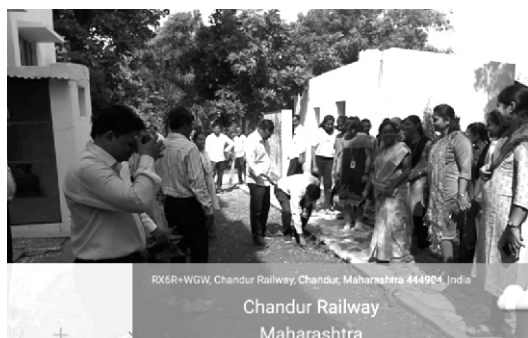
### Teacher Day Celebration

Rajarshee Shahu Science College Chandur Railway. Celebrated Teachers Day in every year. In this year 5 Sept. 2023 College cultural committee organized program in college at Late atul Jagtap Memorial Hall, 12.30 pm. Program Organized By Dr. P.R. Sardar & Dr. Amol Thakare. Dr. A.D. Bansod (Head Department of chemistry) was chairman of program, Dr. Minal Keche IQAC Co-ordinator of program, was present in program. Convener of program Dr. P. R. Sardar and Co-convener Dr. Amol Thakare were present in program. College students pay tribute for teachers and delivered nice speech on Dr. Sarvepalli Radhakrishnan. Along with that students delivered speech on the occasion of teacher day these students was Ku. Achal Dhawale, Shahbnum Shaikh, Sakshi Jichkar, Sonali Kadhao, Afifa Pathan, Saniyashaikh. Also college students were participated in self-Governance college these students namely Janvi Ghatol, Shabanum Shaikh, Ku. Achal Chimankar, Achal Ingole, Mayuri Farkare, Akanshathakur, Vaishanvi Kadu, Shreya Jaiswal were participated in program. Chairman of program Dr. A.D. Bansod was delivered presidential address. Dr. P. R. Sardar proposed introductory remark in program Ku. Priti Fating did Anchoring in program and Ku. Nikita Jadhao proposed Vote of thanks in program. All faculty members, students and non-teaching were present in program. Dr. P. R. Sardar & Dr. A. P. Thakare was organized entire program.



### Celebration of Mahatma Gandhi & Lal Bahadur Shastri Birth Anniversary

Rajarshee Shahu Science College Chandur Railway, Celebrated Mahatma Gandhi & Lal Bahadur Shastri Birth Anniversary in every year. In this year 2th October 2023 College cultural



committee organized program in college at Late atul Jagtap Memorial Hall, 12.30 pm. Program Organized By Dr. P.R. Sardar & Dr. Amol Thakare. Dr. M.P. Chikhale (In charge Principal) was chairman of program, Dr. Minal Keche IQAC Co-coordinator of program, was present in program. As per direction of SGBAU Amravati, college organized Swachata Abhiyan in college campus. Firstly Dr. M.P. Chikhale and All

Faculty members pay tribute to Mahatma Gandhi & Lal Bahadur Shastri then all students, teachers and Non-teaching staff were participated in the swachata program. Dr. P. R. Sardar & Dr. A. P. Thakare was organized entire program.

## Minorities Rights Day

Rajarshee Shahu Science College Chandur Railway celebrated Minorities Rights Day on 18th December 2023. International Minority Rights Day is celebrated every year on 18th December across the world. Minority rights are the normal individual rights as applied to members of racial, ethnic, class, religious, linguistic or gender minorities, and also the collective rights accorded to any minority group. College organized Poster Competition for graduate students on Minorities Rights Day at Department of Botany. Total 30 students were participated in competition. The main purpose of competition to aware students, people and all members of society for minority's rights. Principal of college Dr. P.R. Wadnerkar was president of program and he Inaugurated Poster Competition along with all faculty members. In his presidential speech he focused on Equality in society. Entire program organized by Cultural cell of college Convener of cell Dr.PravinR.Sardar and Dr. A.P. Thakare was organized entire program.



## Mahaparinirvan Din(Death Anniversary of Dr. Baba SahebAmbedkar)

Art, Music and Cultural Cell and NSS Unit organized Mahaparinirvan Din(Death Anniversary of Dr. Baba SahebAmbedkar), on 6th December 2023, at late AtulJagtap Memorial Hall. Dr. P. R. Wadnerkar Principal, RajarsheeShahu Science College, was president of program. Program was start with tribute to Dr.BabasahebAmbekar, Dr.BabasahebAmbedkar means Symbol of Knowledge and he is inspiration of all students, his place very important for build the nation Principal of college said in his presidential speech. Program was organized by Convener of Art, Music and Cultural Cell Dr. P .R. Sardar and Program officer of NSS Dr. A.P. Pachkawade. All faculty members, students and non-teaching staff were present in tribute program.



## Birth anniversary of Dr.PanjabraoDeshmukh

Art, Music and Cultural Committee and NSS Department , organized Flower decoration competition on the occasion of Birth anniversary of Dr.PanjabraoDeshmukh on 27th December 2023, at late AtulJagtap Memorial Hall. Dr. P. R. Wadnerkar Principal, RajarsheeShahu Science College, was president of program. In program competition students were participated actively. In competition SakshiJichkar secure first prize, Gauri Tayawade secure second prize and Ku. VabhaviVanjari secure third prize Program was start with tribute to Dr. Panjabrao Deshmukh. Convener of Art, Music and Cultural Cell Dr. P .R. Sardar , Dr. Amol Thakare Program officer



of NSS Dr. A.P. Pachkawade. And Prof. Mamata Palaspagar was organized entire program. All faculty members, students and non-teaching staff were present in program.

### **Death Anniversary of Mahatma Gandhi (Hutatma Din)**

Rajarshee Shahu Science College organized Tribute program Death Anniversary of great freedom fighter Mahatma Gandhi (Hutatma Din), on dated 30th January

2024, at Late Atul Jagtap Memorial Hall. Entire program was organized by Cultural cell and N.S.S. Department of college. Dr. P. R. Wadnerkar (Principal) Was Chairman of program. All faculty members, students and non-teaching staff were present and paid sincere tribute to Freed fighter Mahatma Gandhi. Convener of Culture Committee Dr. P.R. Sardar Co-convener Dr. A.P. Thakare and NSS Program officer Dr. A. P. Pachkawade , Prof.Mamata Palaspagar were organized entire program.



### **School connect (NEP-Connect) 2020 program**

Rajarshee Shahu Science College, Chandur Rly organised one day program for junior college Students School connect (NEP-Connect)2020 program. Program was organised as per universities rule. University trained some Faculty members from Sant Gadge Baba University



and affiliated college, program was held at Late Atul Jagtap Memorial Hall at 25/01/2024 at 10.30 am. Guest speakers of program were Dr. A Naranje Sir (IQAC Co-ordinator Adarsha Mahavidyalaya Dhamngaon Rly) and Dr. O. S.Qureshi Sir (Asst. Prof. Zoology Adarsha Mahavidyalaya Dhamngaon Rly). According to university guideline program started with University song. Program president was principal of college Dr. P. R. Wadnerkar and it organised by college cultural

committee, convener of program was Dr. P. R. Sardar. Guest speakers emphasis on need of NEP, its structure, advantage of NEP, implementation strategies , multiple exit and credits system in NEP-2020, Along with junior college students junior college faculty were present in program. After guest speaker session students asked query and doubts on session. Total 177 students were participated in program. Dr. P. R. Wadnerkar sir delivered presidential speech he elaborate multiple exit, credit system. Dr P. R. Sardar convener of program in inaugural session he proposed introductory speech. B.Sc. final year students Ku.Priti Fating did anchoring of entire



program, Ku. Shital Sakharwade introduced guest speakers and Ku. Nikita Jadhao proposed vote of thanks and entire program end on National anthem.

### **Celebration of Chatrapati Shivaji Maharaj Birth Anniversary Guest Lecture (By Dr. Ramakant Itewar) and Taluka Level Poster Competition**

Art, Music and Cultural Cell Organized Shri. Chatrapati Shivaji Maharaj Birth Anniversary on 19th February 2024, at late Atul Jagtap Memorial Hall. On this occasion college Organized Taluka level Poster competition on Shivaji Maharaj work his fort. Poster competition was organized at Department of Botany. Chief Guest Dr. Etewar Sir and and Principal of College Dr. P. R. Wadnerkar inaugurated poster competition. Dr. S. S. Padhen & Mr. A. M. Patil was jury of program. Three winner in college and school category was awarded with medal and certificates. Also Committee organized Guest Lecture of Dr. Ramakant Etewar Sir (Head & Prof. Dept. of Marathi Shri Shivaji Science College Amravati). Program was started with Maharashtra song, introductory speech of program delivered by Dr. Pravin R. Sardar After lecture Principal of Rajarshee Shahu Science College Dr. P. R. Wadnerkar delivered presidential speech in program. Dr. Amol Thakare proposed vote of thanks.



### **VII Convocation Ceremony**

A Convocation Ceremony is a special day in the academic life of students as after years of hard work and dedication; they get their hard earned education degrees. To celebrate the success of graduating students, Degree Distribution Ceremony (Graduation Ceremony) was organized by Art, Music and Cultural Cell in collaboration with Almuni Cell, of Rajarshee Shahu Science College, Chandur Rly on dated 28/03/24 at Late Atul Jagtap Memorial Hall. The objective of organizing the ceremony was to give an opportunity to all graduated students to come back to the college once again, relive their old memories and get connected with the institution.



The day began with the registration of students. The students were instructed to follow the protocol of the ceremony and discipline by the Committee. The ceremony started by University song Ceremony proceeded with the felicitation of Chief Guest, Principal Sir offered them memento, Shawl, Shreephal and Saplings. The Graduate students of 2022-23 were conferred degrees by handing over Degree Certificates. The top Rankers of all departments were felicitated first and awarded degrees.

The ceremony ended with a vote of thanks by Dr. P. R. Sardar Asst. Prof of Botany, Rajarshee Shahu Science College, Chandur Rly. Followed by the national anthem sung by the

students of the college. The group photographs were taken with all the graduate students. Delicious refreshment has been served to the students.

### ShikshanMelawa

Art, Music and Cultural Cell and Youth for Change firm organized ShikshanMelawa on the occasion of SamataParv (Birth Anniversary of Dr. Baba SahebAmbedkar), on dated 7th April 2024, at late AtulJagtap Memorial Hall. Dr. P. R. Wadnerkar Principal, RajarsheeShahu Science College, was president of program. Ad.LaukikDogare (Director Youth for Change) and Prof. Anup Kumar (Founder Nalanda Academy, Wardha) was Chief guest of Program. Program was started with tribute to Dr.BabasahebAmbekar. Total 30 trainers were present in ShikshanMelawa. In program trainer was focus on GOI-Scholarship, Drama, Medical, Engg, Photography, Dress designing and professional courses. Program was organized by Convener of Art, Music and Cultural cell Dr. P .R. Sardar and Dr. A.P. Thakare. All faculty members, students and non-teaching staff were present in program.



### Celebration of Dr. Babasaheb Ambedkar Birth Anniversary, Rare Photography Exhibition & Guest Lecture

Rare Photography Exhibition & Guest Lecture was organized by Art, Music and Cultural Cell in collaboration with Equal Opportunity Cell of RajarsheeShahu Science College, Chandur Rly, on dated 14 th April 2024. Rare photography exhibition was held at Botany Department. The aim of program to aware students, peoples about Dr.BabasahebAmbedkar and his great work.

Rare Photography Exhibition was organized at Department of Botany, Dr. Prasenjit Telang and Dr. M. P. Chikhale inaugurated the program. Total 50 rare photographs were shows in program every faculty members and all teacher of neare by school and college visited in exhibition. After photography exhibition Prof. Telang Sir delivered guest lecture on Dr. Babasaheb Ambedkar Life and his and ideology. Dr. P. R. Sardar delivered introductory remark in program, Dr. M. P. Chikhale delivered presidential speech in program. Dr. Pravin Sardar and Dr. Amol Thakare organized entire program. All faculty members' non-teaching staff of Atul Vidhya Mandirs were present at Program.

### Death Anniversary of ChatrapatiRajarsheeShahuMaharaj

Art, Music and Cultural Committee & Equal opportunity cell organized Tribute program Death Anniversary of Chatrapti Shahu Maharaj , on dated 6th May 2024, at 11.00 am.at Late AtulJagatap Memorial Hall. Dr. P. R. Wadnerkar (Principal) was present in program. All faculty members, students and non-teaching staff were present and paid sincere tribute to Chatrapati Rajarshee Shahu Maharaj Convener of Culture Committee Dr. P.R. Sardar was organized entire program.



Co-Convener  
**Dr. Roshani N. Bhagat**  
Asst. Prof. of Physics

#### Art Music Cultural Cell

Convener  
**Mr. A. N. Khan**  
Director of Physical Education



## Annual Report SIGNature

The College SIGNature (Student Initiative Towards Green Nature) previously known as Eco Club was conducted the conservation program to inculcate an appreciation for nature among young people through a participatory approach. The aim of its activity is to generate support for conservation of nature through creation of environmentally conscious and active individuals and groups using SIGNature as a tool. It spread awareness about the nature conservation and undertakes the activities to nurture and help to regenerate environment. The SIGNature conducted the following activities throughout the academic year 2023-2024.

- Tree plantation program was organized on the occasion of Birth anniversary of Founder President of Atul Vidya Mandir Wardha Late Annasaheb Jagtap on dated 16th July 2023. The Sapling was planted at the hands of Hon. President of Atul Vidya Mandir Wardha Prof. Uttaratai Jagtap. Dr. M. P. Chikhale officiating Principal and faculty members were attended the program.



- One day workshop on Vermicompost was organized. Mr. Rahul Belsare expertise of organic farming was the resource person. Total 85 Students of B.Sc.I, II and III were participated in the program. Dr. G. B. Santape Convener of SIGNature given the introductory speech whereas Dr. S. P. Patharkar Co-Convener proposed the vote of thanks.

- Eco-friendly Ganesh Festival was celebrated in the College campus in collaboration with Department of Mathematics. During Ganesh Festival various competitions was organized. Ganesh idol shop was installed in the College and out of campus for the awareness of celebration of eco friendly Ganesh festival. Total 25 Clay Ganesh idols



sold by the students on no loss no profit basis.

- Use of Talking Tree apps as green initiative was undertaken. Hands on training were conducted for the students. Demonstration was given by Dr. G. B. Santape on Application of Talking Tree Under the activity QR Code was placed on the trees for getting the scientific information of the related plants.



• On the occasion of Death Anniversary of Late Annasaheb Jagtap Taluka Level Walmiki Flower arrangement Competition was organized on 15th January 2024.

• On the occasion of World Water Day Poster Competition on Water is Life and Group Discussion was organized on dated 22 March 2024 for the students of B.Sc.I and B.Sc.III respectively. The topic of group discussion was Save Water and Live Green. Dr. S. P. Patharkar was conducted the activity.



• World sparrow day was celebrated on 20th

March 2024 In collaboration with Indian Science Congress Association Amravati Chapter and



Department of Zoology on the theme I love sparrow.

On this occasion water pots was placed in campus for the birds by the gracious hands of Hon. Principal Dr. P. R. Wadnerkar. Mr. S. A. Wani IQAC Coordinator, Dr. R.V. Kene Head Department of Mathematics, Mr. A.N. Khan Director of Physical Education, Ms. M. S. Palaspagar Assistant Professor and students were actively participated in the event

and Online Birds of Maharashtra Photo Contest was conducted.



**Group Discussion on Save Water Live Green World  
Water Day 22 March 2024**

**Dr.G.B.Santape**  
Convener

**Dr.S.P.Patharkar**  
Co-Convener

**Dr.P.R.Wadnerkar**  
Principal

## Annual Report - Women Cell and ICC

The Women Cell at Rajarshee Shahu Science College empowers and orients girl students to recognize their true potential and helps them to attain their own stand in a competing world. Its goal is the overall development of women in all spheres of their life. The Woman Cell also creates awareness about important women issues and provides a forum for discussion and deliberation on a range of other societal issues from empowerment to environment. The Convenor of the Women Cell is Dr.R.V.Kene and other members of the cell are Dr. S.P.Patharkar, Dr. R.N.Bhagat, Ms. M.S.Palaspagar. The Women Cell is credited with hosting various events - webinars, talks, workshops, interactive programmes and welfare activities focusing on gender parity, women empowerment, women rights, etc. around the calendar year. This report covers details of events conducted by the Women Cell for the year 2023-24.

### Awareness Program on Menstrual Hygiene

An awareness program on “Menstruation Hygiene” was conducted on 26th July 2023 by Women Cell in collaboration with ICC and NSS department of our college. The objective of the program was to enhance the knowledge regarding menstrual hygiene and increased the awareness among the students and the faculty members about menstrual hygiene. The guest speaker of the program was Ms. Varsha Deshmukh, UJAS Foundation. The guest speaker shared her vast experience, knowledge and her thoughts about menstrual hygiene. The session lasted for 2 hours and proved to be very engaging and captivating for all the participants. The program was anchored by convener Dr. R.V.Kene and vote of thanks was proposed by Prof. Ms.M.S. Palaspagar. Around 100 girl students of Junior and senior college participated in the program along with ladies staffs.



### Poster Making Competition on “Millets-Super Food for Future Health Perspective”

On the occasion of International Year of Millets -2023, Department of Botany and Women Cell organized Poster Making Competition on “Millets-Super Food for Future Health Perspective” on 4th October 2023 at Department of Botany. Total 36 students participated in this competition. The aims of this competition was to raise awareness about the importance of Millets and their health benefits. The jury for this competition was Ms. Seema Jagtap, Assistant Prof., Department of English, Mahila Mahavidyalaya, Chandur Rly.



## Girl's Orientation Program

On October 09, 2023, Girl's orientation programme was organized at the Late Atul Jagtap Hall for the first year undergraduate girl students of the college which aimed at familiarizing them with college campus environment, infrastructure and different committees. Dr. R.V.Kene addressed the students and informed them of the Vision, Mission and Objectives of the Women Cell and ICC.

Students were also introduced to the members of the Women Cell and ICC whom they could approach for support and guidance. This event was followed by Dr. R.V.Kene delivering a motivational talk titled 'Vicharanchi Shakti' which advised students on a few simple ways to maintain positivity and happiness in life. The students were also guided on techniques for balancing their energy for bringing integrity in various aspects of life. The sessions were effective and informative for all the girl students.



## Health Check Up Camp

On February 13, 2024, the Woman Cell, in collaboration with NSS and Rural Hospital, Chandur Rly organized a Free Health Camp to spread awareness on health and fitness among girls. The camp was a huge success and the set-up at Dattak Gram Kalamjapur saw participation from more than 60 girl students and Women of the Village for getting Sugar, Cholesterol and Hemoglobin tests done. The results were shared with the participants which made them more aware of their health and pushed them to take positive steps for their health.



## Awareness Program on use and Disposal of Sanitary Napkins

There are several reasons why disposing of sanitary napkins the right way is important. If not done dispose the correct way, it might lead to the spread of infections and bacteria. To aware the students about the use and disposal of sanitary napkins, Women Cell of our college organized a awareness program on 26th February 2024 at 4pm. In this program the advisor women cell convener Dr. R.V.Kene told that not doing the right thing will only harms the environment and lead to further problems. We guided the students about the few ways to ensure proper disposal of sanitary pads. All the girl students were present for this program.





## Yoga and Meditation

A Yoga and Meditation awareness programme was conducted online on Zoom Platform by Ms. Meenal M. Badve director of Samtva Medi Yoga was the resource person and she discussed yoga asanas, breathing exercise and meditation techniques. At the end of the programme, students had strong take aways on how to maintain and restore their energy levels



through meditation and exercise. During this ten-day long programme, the Women Cell, in collaboration with Drawing and Painting Department, organized a Poster Competition on 'Women Empowerment' to drive student awareness. More than forty students participated enthusiastically and showcased their creative abilities. The prizes were distributed for the best creative entries.

## Candle Making Workshop



On the occasion of International Women's Day one day candle Making workshop was organized on 9th March 2024 at Late Atul Jagtap Hall. The guest for this program was Mrs. Smita S. Sutar, Director of Smita's Kitchen Aroma cooking and Baking Classes, Youtuber, Wardha. Near about 52 participants participated in this workshop. This workshop will see the students not only learn the process of candle making but also explore their creative side.

Besides the activities mentioned, counseling, interactive and feedback sessions on multiple topics were conducted for the girl students on weekly basis throughout the year. The Girls' Common Room is a facility established for all girl students to convene, engage and collaborate on matters of importance. It is a well-ventilated facility (equipped with a separate washroom) and provides notice board and other resources offered by the Women Cell. The facility has a complaint box to report any wrongdoings, and a sanitary napkin vending machine and disposal machine is also installed to ensure the health and wellness of the girl students. The Women Cell strives to create a better and just society by empowering girl students. To ensure mental health and wellness of girl students, the cell is planning to provide facilities like mental counseling sessions.

**Dr. R.V.Kene**  
Convener



## Annual Report Career Katta

**Career Katta** is initiated jointly by the **Maharashtra Information Technology Support Centre & Maharashtra State Higher & Technical Department**. Its motto is to **provide value-added skilled human resources**. Under this scheme "UdyojakAaplyaBhetila" was established in order to assist young people learn how to start businesses of their own, and "IAS AaplyaBhetila" was formed to help people become business owners and officers.

The Career Katta Scheme was implemented in our institute from session 2022-23. **Total 24 students from B.Sc.I II III were enrolled in a Career Katta Scheme from our institute.**



**Our students participation in the following programs**

### Digital Productivity

On the occasion of Death Anniversary of **Dr.B.R.Ambedkar**, the Career Katta scheme was organized online **Digital Productivity** program on **Dated: 06 Dec.2023** in which from our institute total 23 students were participated. It was incredible achievement because on that day total 1,11,111 participants from Maharashtra state attended this program and it was the World Record.

### Mahajyoti Training Program.



Mahatma JyotibaPhule Research and Training Institute (Mahajyoti) has been established by Mahatma JyotibaPhule Research and Training Institute (Mahajyoti) for the educational, economic and social development of other backward classes, liberated caste-nomadic tribes and special backward classes in Maharashtra in order to promote the thinking of Krantisurya Mahatma JyotibaPhule and KrantijyotiSavitribaiPhule and to create an educated

society. The Inaugural Program of "MahajyotiTraining " was organized on Dated: 23 Feb 2024 in Late AtulJagtap Memorial Hall on the occasion of SantGadge Baba MaharajJayanti. The duration of these training program was from 23rd Feb to 29th Feb 2024. The president & inaugurator of these training program was Dr. P. R. Wadnerkar, Principal, RajarsheeShahu Science College,



Chandur Railway. The introductory speech was given by Miss Mamta S. Palaspagar, Coordinator, Career Katta Scheme, she gave the brief information to the students about the Mahajyoti scheme. The IQAC Coordinator Mr. S.A. Wani also gave the valuable remarks on this training. The president & inaugurator of this training program were guided to the students regarding the challenges they will face in future



& mainly focus on the employment, self employment, entrepreneurship & other career facilities available to the students in future. The trainer of this training program was Miss M.S. Palaspagar, Co-ordinator Career Katta. Total 78 students were registered for this training program.

### State level Competition

Every year Career Katta Scheme was organized State Level Competition and it was region-wise. For this competition there was particular criteria & online presentation. In this competition our institution from Amravati division was secured third place and Miss Mamta S. Palaspagar got best career katta coordinator from Amravati division and this honour was received from Respected Dr. Milind Barhate Vice Chancellor SGAUA & Mr. Yashwant Shitole, President of Career Katta.



Career Katta (Co-ordinator)  
Miss Mamta Suresh Palaspagar





## Unnat Bharat Abhiyan

Rajrarshee Shahu Science College Chandur Railway organized various activities under the Unnat Bharat Abhiyan. The program was started as per direction of Sant Gadge Baba Amravati University Amravati. In year 2019, firstly all faculty members and UBA representative students representative were completed House hold surveyon village under the supervision of Dr. S.P. Padhen. (Convener of UBA-1). Dr. P. R. Sardar (Convener of UBA.2 ) submitted the SEG proposal at Rajana village in year 2022. Also college taken Tree plantation drive, awareness program in Rajana village. On dated 15 August 2022 Dr. P. R. Sardar organized Gramsabha with Sarpanch Mr. Chandramani Gajabhiye. On dated 26th January 2023 at 9.00 am Convener Dr. P. R. Sardar & Dr. S.P. Padhen organized Gramsabha at village in Grampanchayat karyalaya with all female members and other peoples of adopted village. In Gramsabha people discussed about problems in village, convener of program were aware the people regarding with implementation of Unnat Bharat Abhiyan and its working process.



Tree Plantation Program at Grampanchayat Karyalaya Rajana



**Dr. Pravin Sardar**

Assistant Professor Department of Botany

## AWARDS & ACHIEVEMENTS

### Students Achievements

**Pranay Duryodhan** B.Sc. III (PCM) got third prize intercollegiate seminar competition on occasion of pi day

**Ku. Radha Lomate** ( B.Sc. III, CMP) got First prize in voter awareness rangoli competition organised by tehsil Chandur railway

**Ku Komal Kale** (B.Sc. II, CBZ) and **Ku. Nikita Jadhaw** (B. Sc. II, CBZ) got first prize in district level competition presented in Maharashtra district innovation challenge 2023

**Ku. Shreya Rajanekar**, B. Sc III(CBZ) got second prize in Intercollegiate Quiz Competition on the eve of International Youth Day

**Ku. Diksha Gondane**, B. Sc I(CMP) got consolation prize in Intercollegiate Quiz Competition on the eve of International Youth Day

Alumni Student **Mr. Arpit Ingle** from batch 20-21 qualified CSIR NET examination in the year 2024

### Faculty Achievements

A patent has been granted to **Dr. Roshani Bhagat** for an invention entitled 'Opto-Thermo Electret CdS doped photo-sensitive polymer and process for preparation thereof.

**Ms. Mamta Palaspagar** got second prize as Utkrushta Jilhastariy Taluka Samanwayak

**Dr. A. P. Pachkawade** published a Text Book of Second year Physics Semester FOUR, as per SGBAU CBCS new syllabus

**Dr. Pravin Sardar** published text book for B. Sc. Second year students (Sem IV, cell biology , Genetics and plant Breeding) As per SGBAU CBCS-New syllabus

**Dr. R. V. Kene** published a chapter in the book of Elements of Algebra B. Sc. II Sem IV in session 23-24

**Dr. S. S. Padhen** (Niwadnuk Saksharata Mandal Samakwayak receiving appreciation letter at the hands of HDO

**Rajarshee Shahu Science College** got third rank as a Utkrushta Jilhastariy Mahavidyalaya



## N.S.S. ACTIVITIES



Legal Awareness Camp



Tree Plantation Programme



Cleanliness Mission Programme



Health check up camp

## ACTIVITIES of SIG Nature CLUB



Workshop on Vermicomposting



Taluka Level " Walmiki " Flower Arrangement Competition on 15<sup>th</sup> January 2024.



World Sparrow Day 20<sup>th</sup> March 2024



Poster Competition on Water is Life  
World Water Day 22<sup>th</sup> March 2024



## ACTIVITIES - DEPARTMENT OF PHYSICS



Workshop on 'Skill Enhancement Model'



Inauguration of Informative Board



Dr. Manisha Golchaa Delivered lecture on 'Fibre Optics'



Poster Making Competition on theme 'Astronomical Events'

## ACTIVITIES - DEPARTMENT OF CHEMISTRY



Inaugural Function of Chemical Society 2023-24



Speaker Mr. M. P. Waghmare giving information about 'National Education Policy 2020' to Students



Awareness of Harbal Holi Workshop



Study Tour to Mahatma Gandhi Institute for Rural Industrialization, Wardha



## ACTIVITIES - DEPARTMENT OF BOTANY



Eco-Friendly Rakhi Competition



World wetland day



Institutional Visit



Guest Lecture

## ACTIVITIES - DEPARTMENT OF ZOOLOGY



Awareness Program at  
Zilla Parishad School Karala



Awarness Program on AIDS



Dr. Gajanan Wagh Delivered lecture on  
Importance of Wetland and Birds Conservation



Signature campaign on World AIDS Day



## ACTIVITIES - DEPARTMENT OF ELECTRONICS & COMPUTER SCIENCE



Inauguration of Sir V. Rajaraman  
Computer Science Society 2023-24



Guest Lecture on Coding skill and placement



Attending LED Lamp Making Workshop



Workshop and hands on training on  
“Electrical Component Measurement and its uses”

## ACTIVITIES - DEPARTMENT OF MATHEMATICS



Seed Balls Making Activity



Inauguration of  
Ramanujan Mathematical Society



Quiz Competition on Mathematics



Inter Collegiate Seminar Competition  
on the Occasion of Pi Day-2024



## ACTIVITIES - DEPARTMENT OF LIBRARY



Inauguration of QR Codes Facility:  
11th August 2023



National Librarian Day User Orientation Programme,  
12th August 2023



Seminar on Reference Management Tools  
Zotero 4th April 2024



Seminar on NDLI & NDLI Club at Indira Gandhi  
Kala Mahavidyalaya, Ralegaon on Dated 4 April 24

## ACTIVITIES - DEPARTMENT OF MUSIC ART AND CULTURAL COMMITTEE



Teacher day Celebration



Celebration of Mahatma Gandhi &  
Lal Bahadur Shastri Birth Anniversary



Convocation Ceremony - 2024



Shikshan Melawa 7 th April 2024



## ACTIVITIES - INDUCTION PROGRAMME





## IQAC ACTIVITIES



Workshop on 'NEP Implementation Higher Educational Institutes'



'Inauguration of Smart Classroom'


Internal Quality Assurance Cells of  
Pravin Khodke Memorial Trust, Amravati's  
**VINAYAK VIDYAN MAHAYIDYALAYA**  
Nandgaon (Kh.) Dist. Amravati  
NAAC Reaccredited with 'B++' (2.83 CGPA)  
and  
Atal Vidya Mandir, Wardha's  
**RAJARSHEE SHAHU SCIENCE COLLEGE,**  
Chandur Railway, Dist. Amravati  
NAAC Reaccredited with 'A' (3.81 CGPA)

Jointly Organize  
**UNIVERSITY LEVEL WEBINAR ON  
INTELLECTUAL PROPERTY RIGHTS (IPR)**  
Virtual Online Mode  
Date : 1/4/2024 Time : 11 am

- Resource Person -

  
**Dr. Vijaykumar S. Chowbe**  
Former Pro Vice-Chancellor  
Professor & Head  
Post Graduate Teaching Department of Law  
Sant Gadge Baba Amravati University, Amravati

- Organizer -

  
**Dr. Alka Bhise**  
Principal, Vinayak Vidyan Mahavidyalaya  
Nandgaon (Kh.) Dist. Amravati

  
**Dr. P. R. Wadnerkar**  
Principal, Rajarshree Shahu  
Science College, Chandur Rly.

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Internal Quality Assurance Cells of  
Pravin Khodke Memorial Trust, Amravati's  
**VINAYAK VIDYAN MAHAYIDYALAYA**  
Nandgaon (Kh.) Dist. Amravati  
NAAC Reaccredited with 'B++' (2.83 CGPA)  
and  
Atal Vidya Mandir, Wardha's  
**RAJARSHEE SHAHU SCIENCE COLLEGE,**  
Chandur Railway, Dist. Amravati  
NAAC Reaccredited with 'A' (3.81 CGPA)

Jointly Organize  
**UNIVERSITY LEVEL WEBINAR ON  
RESEARCH METHODOLOGY**  
Virtual Online Mode  
Date : 2/4/2024 Time : 12 pm

- Resource Person -

  
**Dr. Prashant Gawande**  
Professor, Department of Botany  
Sant Gadge Baba Amravati University, Amravati

- Organizer -

  
**Dr. Alka Bhise**  
Principal, Vinayak Vidyan Mahavidyalaya  
Nandgaon (Kh.) Dist. Amravati

  
**Dr. P. R. Wadnerkar**  
Principal, Rajarshree Shahu  
Science College, Chandur Rly.

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## Faculty Achievements



**Dr. S. S. Padhen**

(Niwadnuk Saksharata Mandal Samakwayak receiving appreciation letter at the hands of HDO)



**Dr. S. S. Padhen**

Published a research paper on Topic solvent free green synthesis of 4-substituted thiocarbamido in journal of Chemistry



**Dr. A. P. Pachkawade**

Published a Text Book of Second Year Physics Semester Four as per SGBAU CBCS New Syllabus



**Dr. Roshani Bhagat**

A patent has been granted for an invention entitled 'Opto-Thermo Electret Cds doped photo-sensitive polymer and process for preparation thereof.



**Dr. G. B. Santape**

Published a text book of B. Sc. II, Sem III as per SGBAU CBCS New Syllabus



**Mr. M. J. Waghmare**

Published research paper in the subject library science



**Dr. R. V. Kene**

Published a chapter in the book of Elements of Algebra B. Sc. II Sem IV



**Dr. Pravin Sardar**

Published text book for B. Sc. Second year students (Sem IV, cell biology, Genetics and plant Breeding) As per SGBAU CBCS-New syllabus

## Achievements





# राजर्षी शाहू सायन्स कॉलेज चांदूर येथे महाराष्ट्र दिन उत्साहात साजरा



चांदूर रेल्वे दि. ६ : स्थानिक राजर्षी शाहू सायन्स कॉलेज चांदूर येथे दिनांक १ मे २०२४ रोजी, महाराष्ट्र दिन व कामगार दिन साजरा करण्यात आला. कार्यक्रमाची सुरुवात महाविद्यालयाचे प्राचार्य पं. अ. उडवलेकर यांच्या हस्ते झाली.

## राजर्षी शाहू सायन्स कॉलेजमध्ये ध्वजारोहण



गुणवत्ता विद्याध्याय्या केला गौरव

## राजर्षी शाहू कॉलेज येथे गणेश आर्ट इन मॅथेमॅटिक्स स्पर्धा

चांदूर रेल्वे / ता. प्रति. - स्थानिक राजर्षी शाहू सायन्स कॉलेज चांदूर येथे गणेश आर्ट इन मॅथेमॅटिक्स स्पर्धा मंडळ यांच्या संयुक्त विद्यमाने गणेश उत्सव पर्वाने गणेश आर्ट इन मॅथेमॅटिक्स या विषयावर दिनांक ०४ ऑक्टोबर २०२३ रोजी स्पर्धा आयोजित करण्यात आली. या स्पर्धेत राज्याच्या २४ विद्याभ्यानी सहभाग घेतला. या स्पर्धेत राज्याच्या २४ विद्याभ्यानी सहभाग घेतला.

## राजर्षी शाहू सायन्स कॉलेजम ओझोन दिवस साजरा



रेल्वे: कार्यक्रमाला उपस्थित प्रा. डॉ. मोहन विखले यांच्यासह विद्यार्थी, विद्यार्थीनी, प्रा. प्रमोद, १३ ऑक्टोबर २०२३

## क्रोसिंग ऑन पॉइंटिट पर्सनॅलिटी ट्रेड्सवर व्याख्यान

चांदूर रेल्वे, १३ ऑक्टोबर: राजर्षी शाहू सायन्स कॉलेज येथे

## डॉ. बाबासाहेब आंबेडकर यांना अभिवादन



स्थानिक राजर्षी शाहू सायन्स कॉलेज येथे शिष्यवृत्ती मार्गदर्शन कार्यक्रम

## राजर्षी शाहू सायन्स कॉलेज चांदूर रेल्वे येथे डॉ. बाबासाहेब आंबेडकर यांना अभिवादन



पुण्यनगरी

## नॅशनल डिजिटल लायबरी ऑफ इंडिया वर परिचय



राजर्षी शाहू सायन्स कॉलेज चांदूर रेल्वे येथे सातवा दीक्षांत समारंभ संपन्न

# राजर्षी शाहू सायन्स कॉलेज चांदूर रेल्वे डॉ. बाबासाहेब आंबेडकर जयंती निमित्त दुर्गिचा छायाचित्राची प्रदर्शनी



चांदूर रेल्वे दि. २१ - राजर्षी शाहू सायन्स कॉलेज चांदूर येथे दिनांक २०२४ ला डॉ. बाबासाहेब आंबेडकर यांच्या जयंती निमित्त दुर्गिचा छायाचित्राची प्रदर्शनी आयोजित करण्यात आली. कार्यक्रमाचे अध्यक्ष प्रा. डॉ. बाबासाहेब आंबेडकर यांच्या प्रतिमाचे उद्घाटन करण्यात आले. यावेळी प्रा. डॉ. बाबासाहेब आंबेडकर यांच्या प्रतिमाचे उद्घाटन करण्यात आले. यावेळी प्रा. डॉ. बाबासाहेब आंबेडकर यांच्या प्रतिमाचे उद्घाटन करण्यात आले.

## राजर्षी शाहू महाराज पुण्यतिथीनिमित्त अभिवादन



चांदूर रेल्वे/बाताहर

## राजर्षी शाहू महाविद्यालयात गुणगौरव सोहळा

स्व. अण्णासाहेब जगताप पुण्यसमरानिमित्त शाहू कॉलेजमध्ये पुण्यरचना स्पर्धा व आरोग्य शिबिर

## ‘इंटरव्यू टेक्निक’ या विषयावर दोन दिवसीय कार्यशाळा



चांदूर रेल्वे/बाताहर

## राजर्षी शाहू कॉलेज मे छात्रों का



राजर्षी शाहू सायन्स कॉलेज चांदूर रेल्वे येथे डॉ. बाबासाहेब आंबेडकर यांना अभिवादन

## राजर्षी शाहू सायन्स कॉलेज चांदूर रेल्वे येथे डॉ. बाबासाहेब आंबेडकर यांना अभिवादन



राजर्षी शाहू सायन्स कॉलेज चांदूर रेल्वे येथे सातवा दीक्षांत समारंभ संपन्न

## राजर्षी शाहू सायन्स कॉलेज चांदूर रेल्वे येथे सातवा दीक्षांत समारंभ संपन्न



राजर्षी शाहू सायन्स कॉलेज चांदूर रेल्वे येथे सातवा दीक्षांत समारंभ संपन्न

# राटरा क्लब आफ अमरावता तर्फे राजर्षी शाहू महाराज सायन्स कॉलेज, चांदूर रेल्वे, येथे इंटरव्हिट बोर्डचे



चांदूर रेल्वे/बाताहर

## राजर्षी शाहू महाविद्यालयात महाज्योती प्रशिक्षण उपक्रमाचे उद्घाटन



चांदूर रेल्वे/बाताहर

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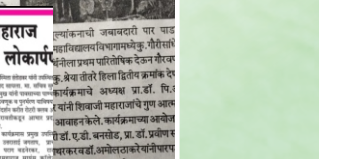
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- प्रकाशक -

प्राचार्य

अतुल विद्या मंदिर, वर्धा द्वारा संचालित

**राजर्षी शाह सायन्स कॉलेज**

चांदूर रेल्वे, जि. अमरावती

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